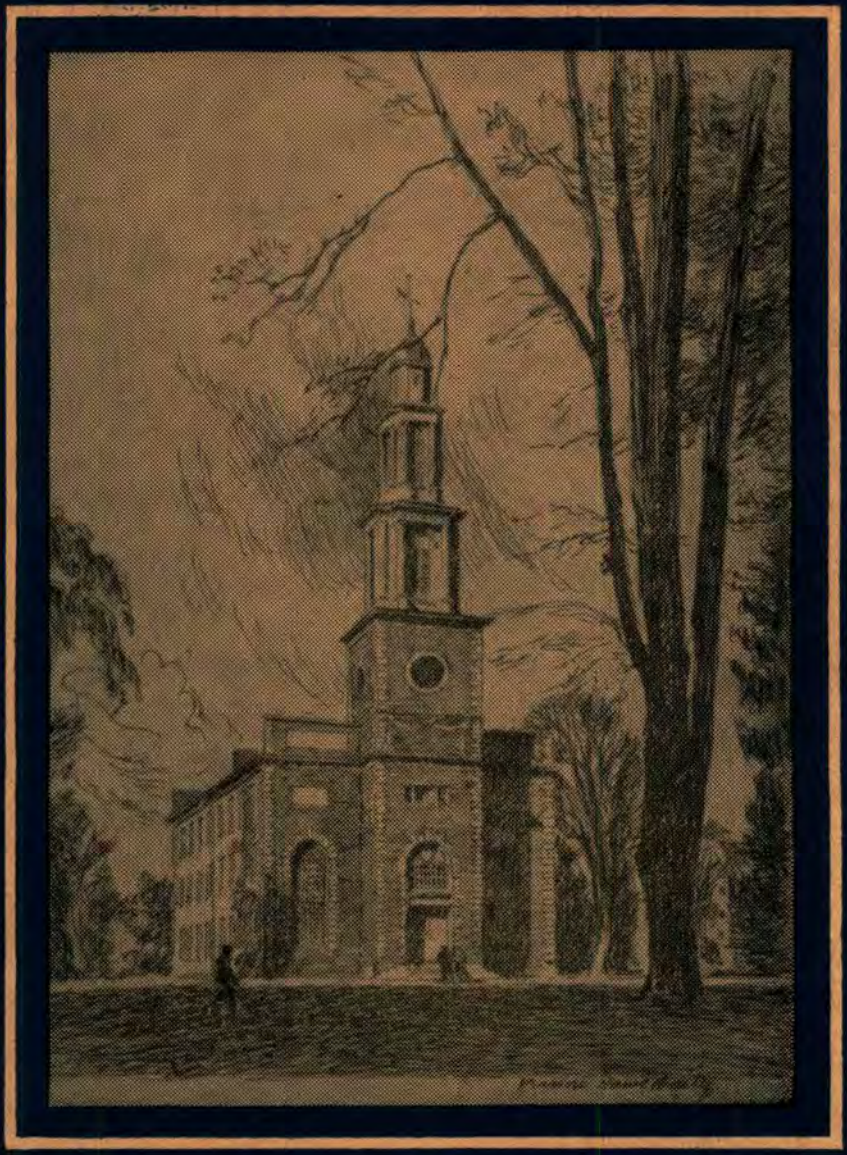

HAMILTON COLLEGE CATALOGUE

1950 - 1951

HAMILTON COLLEGE

CATALOGUE
1950 - 1951

CLINTON, NEW YORK

"It is my earnest wish that the institution may grow and flourish, that its advantages may be extensive and lasting, and that, under the smiles of the God of wisdom and goodness, it may prove an eminent means of diffusing useful knowledge, enlarging the bounds of human happiness, and aiding the reign of virtue and the kingdom of the blessed Redeemer."—Samuel Kirkland, Founder.

"There is great danger that the young people of these days will fail to establish for themselves proper standards of values but will decide that the chief things in life are those which money will buy—things that exist today and are gone tomorrow; forgetting for a time that the things which are best are found in a broad knowledge of men and affairs, a sterling character, the ability to think straight and translate thought into action. It is of the utmost importance to the welfare of our nation that the young learn what is most worth while in life. No other agency is at all so well fitted to do this as the small college if properly equipped and properly conducted."—Elihu Root,

Secretary of War,
Secretary of State,
United States Senator.

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CALENDAR

1950

September

16-20, *Saturday to Wednesday.* Freshman Induction.
18-20, *Monday to Wednesday.* Registration for upper classes.
21, *Thursday.* Beginning of the academic year, 8:30 a.m.

October

21, *Saturday.* Fall house parties.

November

11, *Saturday.* Mid-semester warnings due.
18, *Saturday.* Union game, Alumni week-end.
22, *Wednesday.* Thanksgiving recess begins, 12:30 p.m.
27, *Monday.* Thanksgiving recess ends, 8:30 a.m.

December

20, *Wednesday.* Christmas recess begins, 4:30 p.m.

1951

January

4, *Thursday.* Christmas recess ends, 8:30 a.m.
22-31, *Monday to Wednesday.* Semester examinations.

February

5, *Monday.* Beginning of the second semester, 8:30 a.m.
10, *Saturday.* Fraternity initiations.

March

3, *Saturday.* Winter Carnival.
24, *Saturday.* Mid-semester warnings due.
24, *Saturday.* Spring recess begins, 12:30 p.m.

April

3, *Tuesday.* Spring recess ends, 8:30 a.m.

MAY

12, *Saturday*. Spring house parties.
19, *Saturday*. Submission of course elections for 1951-52.
30, *Wednesday*. Class and Charter Day.

JUNE

4-13, *Monday to Wednesday*. Semester examinations.
17, *Sunday*. Commencement.

1951

SEPTEMBER

15-19, *Saturday to Wednesday*. Freshman Induction.
17-19, *Monday to Wednesday*. Registration for upper classes.
20, *Thursday*. Beginning of the academic year, 8:30 a.m.

OCTOBER

13, *Saturday*. Fall house parties.

NOVEMBER

10, *Saturday*. Mid-semester warnings due.
21, *Wednesday*. Thanksgiving recess begins, 12:30 p.m.
26, *Monday*. Thanksgiving recess ends, 8:30 a.m.

DECEMBER

19, *Wednesday*. Christmas recess begins, 4:30 p.m.

1952

JANUARY

3, *Thursday*. Christmas recess ends, 8:30 a.m.
21-30, *Monday to Wednesday*. Semester examinations.

FEBRUARY

4, *Monday*. Beginning of the second semester.

THE TRUSTEES

	First Elected	*Present Term Expires*
DANIEL BURKE*, LL.D., New York	1913	Life
JOHN L. STRICKLAND, A.B., Utica	1923	1951
ELIHU ROOT, JR., LL.D., New York	1924	1952
CLARK H. MINOR*, D.Eng., New York, *Chairman*	1927	Life
NEILE F. TOWNER*, A.B., Albany	1927	Life
FREDERIC P. WARFIELD*, A.B., New York	1928	Life
GEORGE L. ABBOTT, Ph.B., Palmyra	1932	1952
EDWARD R. EVANS, M.D., Utica	1932	1952
HENRY P. BRISTOL, A.M., New York	1935	1955
THOMAS BROWN RUDD, LL.D., Clinton	1935	1955
EDGAR W. COUPER, A.B., Binghamton	1937	1951
GEORGE F. GENTES, B.S., New York, *Treasurer*	1937	1951
IRVING M. IVES, LL.D., Norwich	1942	1952
CLANCY D. CONNELL, A.B., New York, *Vice-Chairman*	1944	1951
CARL B. WENIGMANN, Ph.B., Lowell, Mass.	1945	1952
WILLARD B. EDDY, B.S., Rochester	1946	1953
JOHN H. GARDNER, D.D., Baltimore, Md.	1946	1952
JEFFERSON F. MEAGHER, A.B., Binghamton, *Clerk*	1946	1951
FRED H. HAGGERSON, LL.D., New York	1947	1953
CHARLES F. HEMENWAY, A.B., Chicago, Ill.	1947	1953
COLEMAN BURKE, A.B., New York	1948	1954
GRANT KEEHN, M.B.A., New York	1948	1952
RICHARD G. RAITT, B.S., Elmira	1948	1954
ROBERT W. MCEWEN, Ph.D., LL.D., Clinton	1948	
WILLIAM C. BOLENIUS, A.B., New York	1949	1954
LEONARD C. FERGUSON, A.B., Freeport, Ill.	1949	1955
PHILIP C. JESSUP, LL.D., New York	1949	1955
JOHN M. HANCOCK, LL.D., New York	1949	1955
STEPHEN W. ROYCE, Ph.B., Pasadena, Calif.	1950	1956
WILLIAM H. FARRAND, M.S., New York	1950	1956
FREDERIC P. LEE, A.M., Bethesda, Md.	1942	1953

* Emeritus.

COMMITTEES OF THE TRUSTEES

EXECUTIVE COMMITTEE

Messrs. Minor, McEwen, Bristol, Daniel Burke, Connell, Couper, Evans, Gentes, Root, Rudd.

COMMITTEE ON INSTRUCTION

Messrs. Couper, Eddy, Evans, Gardner, Jessup, Meagher.

COMMITTEE ON BUILDINGS, GROUNDS, AND EQUIPMENT

Messrs. Bristol, Eddy, Rudd, Strickland, Wenigmann.

COMMITTEE ON NOMINATIONS

Messrs. Connell, Abbott, Bolenius, Root, Towner.

COMMITTEE ON FINANCE AND BUDGET

Messrs. Daniel Burke, Bristol, Gentes, Haggerson, Keehn, Root.

COMMITTEE ON ENDOWMENT

Messrs. Rudd, Bolenius, Coleman Burke, Connell, Ferguson, Hemenway, Ives, Raitt.

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A.M. and PH.D., Chicago; LL.D., Hamilton; L.H.D., St. Lawrence
President

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Librarian, Emeritus

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Professor of Geology and Director of the Museum, Emeritus

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B.A., Toronto; A.M. and PH.D., Columbia
Professor of the German Language and Literature, Emeritus

●

* Arranged in order of appointment to rank.

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Professor of Latin

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Professor of Philosophy

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Dean

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~~MRS. JANE H. IMOBERSTEG~~ Delure Meyer ..... *Bookkeeper*
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Dora Wattenbee
~~MARIAN CLARISSA SNYDER~~
Secretary to the Secretary of Admissions
JEAN CAROL STROUGH. . .*Secretary to the Bureau of Public Relations*
MARGARET MARY WAITT ..... *Secretary to the Dean*

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MRS. ETHEL TORREY CAMERON ..... *Alumni Records*
JOHN LEO GAFFNEY ..... *Manager of the College Store*
RUTH BENTON SWARTWOUT .... *Bookkeeper*

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RICHARD D. EVANS, M.D. ..... *College Physician*

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NEWTON B. BRYDEN ..... *Trainer*
WILLIAM HUMPHREY ..... *Superintendent of the Athletic Plant*
LILLIAN L. ROSSI ..... *Secretary*

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Studies: MESSRS. BLYTH, GERE, GRAVES, HAMLIN, HUNT, MCKINNEY, TOLLES.

Admissions and Scholarships: MESSRS. RISTINE, BENNETT (*Secretary*), CAMERON, TOLLES, WEBER.

Library: MESSRS. WILDER, BROWNING, COUNT, MATTINGLY, RUDD, YOURTEE.

Lectures, Music, and Exhibitions: MESSRS. GAMBS, LENCZOWSKI, MORAUD, PARKER, SHUTE, TOLLES, WILDER, WILLIAMS.

Student Activities: MESSRS. WEBER, CARSON, LIEDKE, OBLETZ, OXLEY, PARKER, SCHOEN, TOLLES, VAN ALSTYNE.

Memorial Room: MESSRS. ROGERS, BENNETT, ELLIS, RUDD, WILDER.

Appointments: MESSRS. BLYTH, CAMERON, GRAVES.

Reading: MESSRS. MARSH, CARSON, HAYNER, JOHNSTON, PATTON, ROCKWELL.

Board of Review: MESSRS. TOLLES, CAMERON, GERE, HESS, NESBITT.

Pre-Medical: MESSRS. HESS, CAMERON, MCKINNEY, ROGERS, TOLLES.

Religious Program: MESSRS. HAYNER, COUNT, JOHNSTON, MARSH, NESBITT, PATTON, TOLLES.

GENERAL INFORMATION

BEGINNINGS OF HAMILTON COLLEGE

Hamilton College is the outgrowth of the labors of Samuel Kirkland, missionary to the Oneida Indians through the latter half of the eighteenth century. At the beginning of the Revolutionary War, Kirkland's influence drew many of the Iroquois to the Colonial cause and materially contributed to the successful issue of the Battle of Oriskany and the relief of Fort Stanwix. This service and others during the Revolution, followed by frequent interposition in behalf of friendly relations between the Indians and the white settlers, won for Kirkland the confidence and regard of Washington and Hamilton. When Kirkland determined to establish a school for the Indians and the sons of pioneers, Hamilton gave his support to the project and became the first trustee of the Hamilton Oneida Academy. The Academy was chartered by the Regents of the University of the State of New York on January 29, 1793. The State and the Indians had granted to Kirkland in 1788 a tract of wild land in what is now the Town of Kirkland; a portion of this grant was set aside for the new institution. Here, in a small clearing, at a spot just south of the present chapel, the cornerstone of the first building was laid by Baron von Steuben on July 1, 1794. The school expanded until in 1810 it had 170 students. Two years later, on May 26, 1812, the college charter was granted. Of the more than eighteen hundred institutions of higher learning in the United States, Hamilton stands thirtieth in order of founding.

PURPOSE

Hamilton College accepts as its primary purpose the intellectual training of its students. It is mindful as well of its obligation for their physical, social, moral, and emotional development, and attempts to provide for these aspects of their education by affording ample equipment, wholesome environment, desirable associations, and wise counsel. The College, while not under denominational control, is distinctly Christian, and requires attendance of its students at the chapel service on Sunday. As a liberal arts college it strives by the various means at its disposal to give

breadth of educational and spiritual outlook. In particular the College has long enjoyed a reputation for its training in Public Speaking, and requires work in this department of every undergraduate throughout his course.

Hamilton is and proposes to remain a small college. The number of its students is about six hundred, which is lower than that of most colleges of comparable standing. Nearly all live on the campus in dormitories and fraternity houses, enjoying a social and intellectual unity that is a valuable element in their education.

LOCATION

The College is situated near the geographical center of New York State, in the County of Oneida, one mile from the village of Clinton. Nine miles to the northeast lies the City of Utica, on the main line of the New York Central Railroad. A bus line with frequent service runs between Utica and Clinton, with a shuttle line running up the Hill to the campus.

The post office address of the College is Clinton, New York. No railway passenger service is available to Clinton. Railway express service, however, is provided to Clinton by the Railway Express Agency via the New York, Ontario and Western Railroad, Utica Division.

The College occupies a natural plateau nine hundred feet above sea-level and three hundred feet above Clinton. The campus is a wooded park of about one hundred and sixty acres overlooking the Oriskany and Mohawk valleys.

BUILDINGS AND GROUNDS

The buildings and grounds of the College are valued at nearly three million dollars and consist of three hundred acres of land and eighteen buildings. These buildings are arranged in three quadrangles and are modern structures built of stone or brick. The College also owns thirty-three residences for members of the Faculty or other members of the staff and their families. Eight fraternity houses, owned by fraternity trustees and valued at three-quarters of a million dollars, furnish living quarters for many of the students.

Dormitories: Four dormitories afford accommodations for about one-half of the student body: Carnegie Hall, North College, Mid-

dle College, and South College.

Nearly all the rooms are arranged in suites for two, three, or four occupants. Essential furniture and full care of rooms are provided. All dormitory beds are three feet wide and six feet six inches long. In general, rooms are leased for the academic year only, and the buildings are closed during vacations.

Freshmen who do not live at home must room in the college dormitories.

Classrooms, Laboratories, and Faculty Offices: Six buildings are devoted to instruction: Truax Hall of Philosophy, Benedict Hall of Languages, Root Hall, the Chemical Laboratory, the Science Building, and Silliman Hall. Forty offices are provided for members of the Faculty for consultation with students.

Administration Building: Buttrick Hall, built in 1812, was the first college building and has been reconstructed as the administrative headquarters of the College.

Chapel: The Chapel, occupying the central site on the campus, is the home of the religious life of the College. It also affords a place for public lectures, concerts, and other exercises.

Commons: The Soper Commons is able to provide meals for two hundred students, and is used for various group activities.

The Library: The Library Building, the gift of Mrs. Ellen Curtiss James, includes, besides the usual reading and stack rooms, a treasure room, an art room, a "Browsing Room," and a periodical room.

Infirmary: Perry H. Smith Hall, the College Infirmary, contains a ward with six beds, two private rooms, a consultation room appropriately equipped for the college physician, and living quarters for the housekeeper and two nurses who are in regular attendance.

Athletic Equipment: The Alumni Gymnasium contains a regulation swimming pool, courts for basketball, squash, and badminton, facilities for fencing, indoor baseball, and wrestling, locker and team rooms, and offices for members of the physical education staff.

The Russell Sage Building, which is connected with the gymnasium, houses a standard indoor ice-hockey rink and a 220-yard cinder running track. The rink, except during the ice-hockey season, provides an 85 by 200 foot indoor playing field for team and

group games.

The Steuben Athletic Field, adjoining the main group of buildings, provides a football field, a baseball diamond, a soccer field, nine tennis courts, a quarter-mile track, a 220-yard straightaway, and facilities for the usual college sports.

The Hamilton B. Tompkins Golf Course is a nine-hole course and covers 65 acres. Its first tee is within two hundred yards of the campus.

THE LIBRARY

The Library contains about 220,000 volumes, an unusually large and well-balanced collection for a college the size of Hamilton. It is growing at the rate of approximately 3,500 volumes a year. About 850 current periodicals are received regularly, and equipment is available to handle certain others in micro-film and microcard editions. A small Rental Collection is maintained, giving the students access to the "best-seller" type of book which would not ordinarily be found in a college library. The "Browsing Room" contains a collection of 1,600 carefully selected books for students' leisure-time reading, and important new books are continually added. Students have free access to the stacks, and receive assistance in the use of catalogues, bibliographies, and reference books, and in the methods of working in the Library; their use of the Library is included under the Honor System (see page 78).

The Library houses also a Treasure Room, containing many rare and valuable books. Special collections maintained are books written by and about alumni of the College; the Samuel Hopkins Adams collection of college and regional history; and the David Worcester Memorial, an alcove in a corner of the reading room containing the library of Hamilton's twelfth president and books which have been purchased since his death, keeping the collection up to date. In addition to the collections in the Library building, the Library staff administers three special collections on the campus: a collection in the Science Building for use in connection with courses in biology, geology, and anthropology, comprising about 15,000 volumes; a collection in the Chemical Laboratory containing about 2,500 volumes in that field; and the Reading Room in the Alumni Gymnasium, containing books on hygiene and athletics.

SCIENTIFIC COLLECTIONS

The Knox Museum of Natural History, in the Science Building, contains valuable and constantly growing scientific collections in geology, mineralogy, biology, and anthropology. The geology and mineralogy collections, originated about 1850 by Professor Oren Root, of the Class of 1833, now include more than 100,000 specimens of fossils, rocks, and minerals. Noteworthy are those from New York State and Denmark. There are also valuable relief models of Central New York, Paleozoic fossil tree stumps, dinosaur tracks, miniature models of dinosaurs, and a cabinet of fluorescent minerals. The biological collection includes an extensive herbarium, several thousand land, fresh-water, and marine shells from many regions, many thousands of native and foreign insects including a large and highly valued collection of butterflies, and several hundred specimens of birds and mammals mounted and classified. The anthropological collection includes 2,000 specimens representing the civilization of the American Indians, a Neolithic exhibit from the lake dwellings of Robenhausen, Switzerland, and specimens illustrative of primitive culture in other parts of the world.

MEDICAL SERVICE

Students are attended by the college physician, who is available in the Infirmary daily at regularly scheduled hours. In emergencies he is at the College as necessary. Associated with him are two nurses in regular attendance at the Infirmary, a clinical pathologist, and a consultant in Roentgenology who serve the students when needed.

The Infirmary fee entitles the students to the services of the college physician and the resident nurses. Except for board, one week in the Infirmary in each semester is provided without further cost; for time in excess of that amount a charge of $3 a day is made. No charge is made for medicine and other materials used in dispensary treatment except medicines costing a dollar or more, and X-rays. The patient's board is not included in the Infirmary fee and is charged at the current college rate. A student who regularly takes his meals at Commons receives credit for the meals missed while he is in the Infirmary.

A foundation, known as the Robert Macalister Farrell Nursing Fund, donated by the late Dr. Thomas H. Farrell, of Utica, in memory of his son, Robert Macalister Farrell, '21, is applied toward the cost of hospital care for students.

ART PROGRAM

The Art Department, through the generosity of Edward W. Root, of the Class of 1905, has been provided with three sky-lighted studios, an exhibition room, and offices for the two members of the Department, conveniently grouped in Root Hall. Mr. Root's gift has also made possible the purchase of adequate equipment and materials to be used in individual instruction in creative drawing and painting.

To extend a knowledge and understanding of art to students who do not take formal instruction in the department, frequent exhibitions are planned illustrating art-in-process and art productions of many varieties and from many cultures, past and present.

The Art Lending Library, administered by the College Library, consists of a collection of about one hundred and thirty framed copies of important paintings. The pictures in this collection may be rented by the semester for a nominal fee.

RELIGIOUS SERVICES

The College, while under no denominational control, is in the Christian tradition and regards divine worship as a regular part of the life of its students. It avows its historic debt both to the Christian faith and to the devotion of its founders. Public worship, at which attendance is required, is observed each Sunday, conducted by distinguished preachers drawn from many states. Once each month the regular service is replaced by a "Chapel Convocation," with an address on a theme in religion or ethics, followed by a question period. Students of the Episcopal and Roman Catholic faiths may, by arrangement, attend the services of their churches in Clinton.

Every Christian man who enters the College is urged to become a member of the Chapel Congregation. The Lord's Supper is celebrated three times during the college year.

SUNDAY CHAPEL PREACHERS
1950-51

September 24: The Reverend David K. Barnwell, First Baptist Church, Summit, N. J.

October 1: The Reverend John C. Schroeder, Yale Divinity School, New Haven, Conn.

October 8: The Reverend Stephen Crary, Yale Divinity School, New Haven, Conn.

October 15: The Reverend Norman V. Hope, Princeton Theological Seminary, Princeton, N. J.

October 22: Forum: Dr. John Bennett, Union Theological Seminary, New York, N. Y.

October 29: The Reverend James A. Pike, Columbia University, New York, N. Y.

November 5: The Reverend Charles W. Gilkey, South Yarmouth, Mass.

November 12: Rabbi Morris S. Lazaron, New York, N. Y.

November 19: Forum: To be announced.

December 3: Professor A. C. Outler, Yale University, New Haven, Conn.

December 10: President Robert W. McEwen, Hamilton College, Clinton, N. Y.

December 17: To be announced.

January 7: The Reverend Harold B. Walker, The First Presbyterian Church, Evanston, Ill.

January 14: President Wilbour E. Saunders, Colgate-Rochester Divinity School, Rochester, N. Y.

January 21: Forum: Professor John Levonian.

February 11: Dr. T. Z. Koo.

February 18: Forum. The Reverend Reinhold Niebuhr, Union Theological Seminary, New York, N. Y.

February 25: The Reverend Shelby Rooks, St. James Presbyterian Church, New York, N. Y.

March 4: The Reverend Allan Knight Chalmers, Boston, Mass.

March 11: The Reverend Albert G. Butzer, Westminster Presbyterian Church, Buffalo, N. Y.

March 18: Forum: Dr. Walter White.

April 8: To be announced.

April 15: The Reverend Robert R. Wicks, Princeton, N. J.
April 22: Forum: Professor John Eells, Beloit, Wisc.
April 29: The Reverend George Buttrick, First Presbyterian Church, New York, N. Y.
May 6: Professor Paul C. Hayner, Hamilton College, Clinton, N. Y.
May 13: The Reverend Charles C. Noble, Syracuse University Chapel, Syracuse, N. Y.
May 20: The Reverend Ralph W. Sockman, Christ Church, New York, N. Y.
May 27: The Reverend Arnold Nash, University of North Carolina, Chapel Hill, N. C.
June 17: Baccalaureate Service: To be announced.

LECTURES

Lectures on topics of current interest are provided during the academic year for the college community from the income of endowments established in memory of the late John Ripley Myers and the late Professor Frank Hoyt Wood, supplemented by gifts from friends of the college.

A Classical and Archaeological Lectureship is supported by a foundation by the Reverend William Copley Winslow, D.D., of the Class of 1862.

Among the lecturers in recent years have been:

Carl Carmer	Langston Hughes
Rhys Carpenter	Benjamin D. Meritt
Stuart Chase	Frances Perkins
Vera Micheles Dean	Eleanor Roosevelt
William Bell Dinsmoor	Willard Thorp

REGISTRATION

All students must register with the Dean's office prior to the opening of college. Schedules of returning students are revised at this time if necessary and the schedules of new men arranged.

A pre-registration deposit of $50 is required of all candidates for admission within fifteen days of the receipt of formal notice of admission. This payment is credited on the first college bill.

FRESHMAN INDUCTION

All freshmen must report several days before the formal opening of college. During these days each freshman has an interview

with the Dean or a counselor, and takes a physical examination, an aptitude test, and achievement tests. The information supplied by the tests is used by the Dean and by faculty counselors to help each student adjust himself to the life and work of the College.

GRADUATE RECORD EXAMINATIONS

The Graduate Record Examination, required of all candidates by many graduate schools, may be taken at Hamilton by those students who so desire.

STUDENT COUNSELING

To assist the individual undergraduate to determine what he should strive for and what courses are most suited to his purposes and his aptitudes, the Dean, assisted by members of the Faculty, devotes much attention to counseling each student throughout his course. In particular, he confers at length with each freshman at the beginning of the year and frequently thereafter to aid him with his academic and personal problems.

As a small college Hamilton emphasizes close and friendly student-faculty relations. The Dean is available for conferences with students during thirty-five or forty hours a week in his office in Root Hall. Similarly each member of the faculty keeps regular office hours to see his students individually.

A college education is never an end in itself, but always a preparation for a more useful, effective life. Whether a man intends to enter upon his career immediately after graduation or to continue his education in a graduate or professional school, the College endeavors to help him choose wisely and prepare himself appropriately.

With the cooperation of many alumni, the College each year sponsors a series of vocational conferences. At these meetings, men who have made and are making a success in their chosen fields hold group and individual conferences to acquaint students with the opportunities and the requirements of various professional and business careers.

PREPARATION FOR THE PROFESSIONS

A large proportion of Hamilton students are planning to enter graduate and professional schools. The College has no fixed curricula which it requires or advises such students to pursue, but meets the problems of each man through its counseling system, endeavoring to provide him with the preparation best suited to his own needs and to the specific requirements of the school which he plans to attend.

PLACEMENT BUREAU

The Dean's office, with members of the Faculty cooperating, functions as a placement bureau for seniors who seek positions in business, industry, and teaching. Many alumni, themselves well established in their careers, are assisting in the work.

ADMISSION

ADMISSION TO THE FRESHMAN CLASS

1. Young men seeking admission to the freshman class should make application to the Secretary of Admissions, Hamilton College, Clinton, New York.

2. The College makes a selection among applicants, chiefly on the basis of scholarship and character. A candidate from high school will be expected to have an average for his entire course of not less than eighty per cent. A candidate from a private school should have college certificating grades in all his subjects. In neither case does the meeting of these minimum standards assure a candidate of his admission.

3. A candidate should file his application as early as possible in the year in which he seeks admission, preferably before the completion of the first half of his final preparatory year.

REQUIREMENTS FOR ADMISSION

1. *Secondary School Credits.* A candidate for admission is expected to have completed a secondary school course which gives preparation for the work of a liberal arts college. Fifteen units* will be required, drawn from the usual college preparatory subjects of English, mathematics, foreign language, science, and social studies. Although the College does not prescribe how these subjects shall be distributed, it expects a minimum of four years of English, two and one-half years of mathematics, and two years of one foreign language. Above all else, Hamilton College stresses ability and ambition to do intellectual work. The Committee on Admissions will, therefore, consider the applications of exceptionally able candidates who are highly recommended by their schools but whose preparation is somewhat irregular in number of units presented and subjects studied.

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* A unit in any subject usually represents a year's study. In English, however, three units are granted for four years of work, and in intermediate algebra a full unit of credit is allowed for one-half year's work.

2. *Examinations.* Each candidate must take in December, in January, in March, or in May (preferably in January or in March) of his senior year the Scholastic Aptitude Test of the College Entrance Examination Board, which is given at convenient places throughout the country. Application for this examination must be addressed to the College Entrance Examination Board, Box 592, Princeton, New Jersey, at least three weeks in advance of the date of the examination. The Board will furnish each candidate with a schedule of examinations, a list of examination centers, and all the instruction which he may need. The fee is twelve dollars, which covers the Scholastic Aptitude Test (required of all candidates) and one, two, or three achievement tests; for the Scholastic Aptitude Test alone the fee is six dollars. The tests will be held on the following Saturdays: December 12, 1950; January 13, March 10, and May 19, 1951.

3. *Other Requirements.* Since Hamilton is a small college, and its members share a common life, the character and personal qualifications of students are of great importance. Every candidate must, therefore, be interviewed at the College, at his school, or at his home by a member of the College Staff or by a designated alumnus.

ADMISSION TO ADVANCED STANDING

An undergraduate who comes from an approved institution of collegiate rank and presents an official statement of honorable dismissal and of his previous work may receive credit for such work without examination.* This statement must include a full list of his accepted preparatory subjects, and a list of his college courses with his record therein. Such admission by transfer is ordinarily granted only when the applicant has maintained a standing in the upper half of his class. Credit is given only for courses completed with a grade as high as C. To be eligible for a degree from Hamilton a transfer student must have completed at least two years of work in residence and all the requirements for the degree. See pages 29-34.

* Transfer credit in freshman composition must be validated by an achievement test here.

REQUIREMENTS FOR GRADUATION

For the Class of 1954 and Later Classes

During the past five years Hamilton College—not unlike other similar institutions—has had its curriculum under constant study with a view to making such changes as are demanded by the times.

Although colleges of liberal arts have not always published a clear-cut statement of their underlying principles, it has been traditional for them to require their students to:

1. Achieve breadth and attain certain minimum skills by taking specified courses or patterns of courses.
2. Acquire proficiency in some one or two fields. Such fields are usually termed "majors."
3. Develop other talents or interests through free election of additional courses to satisfy the requirements for graduation.

This, of course, has been and still is the Hamilton plan. In fact, in that part of it which refers to "majors" and "free electives," no changes have been made.

However, it has seemed desirable at this time to alter the approach to the problem of making sure that every Hamilton graduate during his course gets a certain basic intellectual and moral equipment for life.

Formerly the College stated this aim largely in terms of "breadth" —a breadth which students achieved simply by selecting their studies from three groups of courses.

This aim has now been reconsidered and is stated in terms of goals. The final result, indeed, may be not very different, but Hamilton is less interested in what specific courses a student takes than in what knowledge and skills he acquires. The College wants to graduate men who are effective speakers and writers, who know something of a foreign tongue, who reason well, who are socially conscious, who know something of science and the creative arts, and who think and act in terms of moral values.

The new requirements are therefore presented in terms of goals and of required courses or types of courses by which these goals may be approached. Under this plan approximately half of the courses which a student studies during his college course will be selected from guided electives designed to assure him of reasonable attainment of certain objectives.

These new requirements will go into effect in September, 1950, and will apply to the Class of 1954 and subsequent classes. They are set forth below.

I

To attain a superior command and comprehension of the English language.

a. For command and comprehension of the English language as a written medium—English Composition 1-2 (6 hours) or English Composition 1-2A (12 hours) to be taken in the freshman year.

b. For command and comprehension of the English language as an oral medium—Public Speaking 1-2 (new course) (2 hours) to be taken in the freshman year.

   Public Speaking 5-6 (4 hours) to be taken in the sophomore year.

   One hour per semester in each term of the junior and senior years to be selected from courses above 5-6, except that for course work, supervised non-credit extra-curricular work may be substituted in such areas as seminar discussions, student forums, debating, extension speaking, and dramatics.

II

To acquire reasonable command of one foreign language.

a. Completion of French 5-6, German 5-6 (formerly 15-16), Greek 5-6, Latin 3-4, or Spanish 5-6. This work must be begun in the freshman year and continued without interruption until completed.

III

To attain an understanding of the nature of reasoning and an acquaintance with the natural world as known through the sciences.

Here the student has an option of two plans:

Plan I—Biology 1-2, Chemistry 1-2, Geology 1-2, or Physics 1-2 and a second course in the same science for which the introductory course is a prerequisite.

Plan II—Biology 1-2, Chemistry 1-2, Geology 1-2, or Physics 1-2 and a second course chosen from Mathematics 1-2A, 1-2B, 1-2C and Philosophy 1-2. Either of the two courses

required under this plan may be taken first, or they may both be taken in the same year.

Work under either plan must be begun not later than the sophomore year and be completed by the end of the junior year.

IV

To acquire an ability to enjoy and understand the creative arts and a knowledge of the world's artistic masterpieces.

Art 5-6 or English Literature 1-2 or Music 1-2 or any foreign language course and numbered higher than 5-6 (for Latin, 3-4) except French 7-8 or Spanish 7-8. This requirement must be satisfied by the end of the junior year, except that a student satisfying it in a foreign language may do so in his senior year. Courses in foreign literature in translation do not count toward the fulfillment of this requirement.

V

To achieve a knowledge of the inter-relation of man and society, past and present.

Any two courses from two departments in the social studies—Anthropology, Economics, History, Political Science, Psychology. Social Studies 1-2 (new) and Latin 9-10 or 11-12 (but not both) may also count toward satisfying this requirement. The two courses for this requirement may not be taken in the same year. Satisfaction of this requirement must be started not later than sophomore year and completed by the end of junior year.

VI

To acquire an understanding of the intellectual bases of ethical judgment.

To be announced. One course from an option of courses will be required. None will be taken by the Class of 1954 during the freshman year.

COURSES OF FRESHMAN YEAR

REQUIRED OF ALL FRESHMEN IN EACH SEMESTER

English Composition 1-2 ..... 3 hours

or

English Composition 1-2A ..... 6 hours

Foreign Language	3 hours
Guided electives—two courses chosen from Science, Social Science, Mathematics, Music, or Philosophy	6-7 hours
Elective (none if English Composition 1-2A is taken)	3-4 hours
Public Speaking 1-2	1 hour
Physical Education and Hygiene	
Total (each semester)	16-18 hours*

ELECTIVE COURSES OPEN TO FRESHMEN

Anthropology 1-2	German 3-4	Music 1-2**
Art 1-2**	German 5-6	Music 3-4**
Biology 1-2	Greek 1-2	Philosophy 1-2
Chemistry 1-2	Greek 3-4	Physics 1-2
French 1-2	Greek 5-6	Political Science 1-2
French 3-4	History 1-2	Social Studies 1-2
French 5-6	Latin A-B	Spanish 1-2
Geology 1-2	Latin 3-4	Spanish 3-4
German 1-2	Mathematics 1-2A	Spanish 5-6
	Mathematics 1-2B	
	Mathematics 1-2C	

Certain of these courses, particularly in foreign languages, require prerequisites. See Catalogue statements.

It is usually best for a freshman to continue in college a language studied in secondary school. Those who do so will be given a placement test in that language during their induction period and will be assigned to the proper course by the department concerned. If because of inadequate preparation a student must repeat work covered in secondary school, he will not necessarily receive additional credit for that work.

A freshman who takes an elementary modern foreign language must continue that language in sophomore year.

An exceptionally well prepared freshman with a distinguished record in scholarship may be permitted by the Academic Council to elect advanced courses not included in the list of electives given above.

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* In addition approved freshmen may elect Music 3-4 one hour each term.
** These courses require the approval of the instructor.

HAMILTON COLLEGE

CLINTON, NEW YORK

Preliminary Application for Admission in September _____

Name _____.

Home Address _____

Present Address _____.

Date and place of birth _____.

Occupation of Parent or Guardian _____

School _____

When will you be graduated? _____

Names of Hamilton Relatives _____

Names of Hamilton Friends _____

Date _____

Deviations from the course programs outlined above may be permitted when an individual student can demonstrate that his interests and abilities will be better served thereby. In particular, a student who satisfies the Board of Review that he has by other means fulfilled any of these requirements may be permitted by action of the Academic Council to elect other subjects instead of those specified above.

REQUIREMENTS FOR GRADUATION

For All Classes

1. To qualify for the degree of Bachelor of Arts a student must obtain 131 semester hours* of credit in required and properly chosen elective courses. For students who complete the requisite elective courses in less than four years, certain required hours are omitted (see page 35). A semester hour represents one hour of classroom work (or from two to four hours of laboratory work) per week through half of the college year, but in certain elementary language courses five hours per week are scheduled, with a credit of three semester hours. Normally a student takes in each semester five three-hour courses in addition to the prescribed work in public speaking (see pages 31, 32, 35). No student is allowed to carry a schedule of more than 21 or fewer than 13 hours without special permission of the Faculty; but any deviation from the normal number is subject to the approval of the Academic Council.

2. A student must also complete two majors in order to graduate. Each major consists of not less than three year-courses in one of the following departments: Anthropology, Art, Biology, Chemistry, Economics, Education, English Literature, Ethics and Religion, Geology, German, Greek, History, Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Romance Languages, Spanish. The following courses, however, may not be counted as contributing to a major: French 1-2, German 1-2, Greek 1-2, Latin A-B, Mathematics 1-2A and 13-14, Spanish 1-2. A single major in one department, combined with related courses

* For the Class of 1954 and later classes the minimum is 128; and Biology 1-2, Chemistry 1-2, Geology 1-2, and Physics 1-2 are counted as four hours each semester.

in other departments, may be permitted to replace the two majors prescribed above; but such an arrangement is subject to the approval of the departments concerned and of the Faculty.

3. Each student must take in college at least six semester hours in one of the natural sciences. (This requirement as it applies to the Class of 1954 and later classes is included in section III above on pages 30 and 31.)

4. Each student must satisfactorily complete at least one course above the intermediate grade in one foreign language. In the modern languages this course will be conducted for the most part in the foreign language. This advanced course is open to those who have passed course 3-4 in that language, and to entering freshmen and transfer students who are recommended by the department concerned after examination.

In 1950-51 members of the two upper classes may satisfy the foreign language requirement either as set forth above or by passing a proficiency examination administered by the appropriate Department.

Course 3-4 in any foreign language is treated as a unit. No one can pass or fail in either portion alone, but passes or fails in the

This requirement corresponds to section II above on page 30.

5. To insure proper supervision and validation, a student who desires to receive credit for work done in a summer school should submit his program in advance for approval by the appropriate departmental officer and the Academic Council.

6. All grades are based on a scale of 100. A grade of 90 or over is reported as A; 80-89, B; 70-79, C; 60-69, D; 40-59, F; and below 40, FF. The passing mark is 60; but a student, in order to qualify for graduation, must have obtained a grade of 70 or better in at least one-half of the work completed at Hamilton in regular three-hour courses subsequent to freshman year.

7. To earn a degree from Hamilton a student must be in residence for at least two years (a minimum of 60 semester hours' credit besides the required work in Public Speaking), and must spend his final semester here.

Descriptions of the courses are to be found under the heading *Courses of Instruction* on pages 38-66.

COURSES OF SOPHOMORE, JUNIOR, AND SENIOR YEARS

For the Classes of 1951, 1952, and 1953

Required Courses in Public Speaking

In sophomore year five semester hours, in junior and senior years two semester hours of work in the Department of Public Speaking are required of all students. But those who are admitted with advanced standing or otherwise qualify for graduation in less than four years are excused from that part of this work which extends beyond their period of residence.

Elective Courses

Except for the required work as described above, all courses of sophomore, junior, and senior years are elective. The choice of courses is made under a group system, the departments of study being arranged in three groups, as follows:

Group A. Foreign Languages.

Group B. Anthropology, Art, Economics, Education, English Composition, English Literature, Ethics and Religion, History, Music, Philosophy, Political Science, Psychology, Public Speaking.

Group C. Mathematics, Natural Sciences.

Regulations Governing Electives

For All Classes

1. Courses for the next year are chosen at the end of freshman, sophomore, and junior years. Elective cards must be left at the Dean's Office by a designated date in May. A fee of two dollars, increased by one dollar for each day of delay, will be charged for tardy election of courses.

2. Before submitting his elective card, each student should consult the Dean or a Faculty Adviser and some professor in the department of one of his major subjects.

3. A student may not change his choice of courses at any time except by permission of the Academic Council and on payment of a fee of two dollars. Only exceptionally is a change permitted after the first week of a semester.

4. Most courses are continuous through the year and must be elected accordingly.

5. After freshman year, a student may take any elective course offered to his own or a lower class if he has satisfied its prerequisites.

6. In sophomore year a student must elect at least one course from each group, and in junior and senior years at least one course from each of two groups. A sophomore who has taken a science in his freshman year is not thereby excused from electing a course in Group C. This paragraph applies only to the Classes of 1951, 1952, and 1953.

7. A student who elects an elementary course in a modern foreign language after the freshman year is expected to take later the second course in that language. Anyone seeking to be excused from this requirement must obtain the written consent of the head of the Department concerned. No credit will be given for the first semester alone of any elementary language course.

8. Elective courses must be so chosen that the student will be making continuous progress toward the satisfaction of the requirements for graduation. A student who after admission decides not to remain in College until graduation is not excused from compliance with this rule. The choice of courses must conform to the requirements set forth in this section and on pages 30-35. Postponement of any requirement is granted only exceptionally.

JUNIOR YEAR ABROAD

Qualified students may, with the approval of the Faculty, spend the junior year studying in a foreign country and receive full credit toward a Hamilton degree. Those who are interested should consult the Dean during the first term of the sophomore year.

DEGREES

Students who entered college since 1939 receive at graduation the degree of Bachelor of Arts. To those who entered before that year, two degrees are available: The Baccalaureate in Arts and the Baccalaureate in Science.

REQUIREMENTS FOR GRADUATION

Opportunities for graduate study in candidacy for the master's degree are offered only to those who are officially connected with the college during the period of such study.

Degrees, both honorary and in course, are conferred only upon those who are present to receive them.

COURSES OF INSTRUCTION

ANTHROPOLOGY

MR. COUNT

1-2. FUNDAMENTALS OF CULTURE. An introduction to social institutions and ethnology. The study of man's purposive responses to his natural and social environment. First semester: development and function of social institutions. Diffusion and acculturation. Second semester: case studies of ethnic groups. *Not open to seniors.*

3-4. CULTURE-AREAS; their distribution and history. The patterns of institutions that compose a "people." *Prerequisite, 1-2. Alternates with 15-16.* (Not offered in 1950-51.)

5-6. INTRODUCTORY SOCIOLOGY. The forces that generate or influence culture. Behavior of group man. Social organization and institutions. Social tensions and change. *Prerequisite, 1-2, or, for juniors and seniors, the consent of the instructor.*

7. THE SCIENCE OF MYTH. Mythological systems of man. The role that mythology has played in the evolution of civilization. *Prerequisite, 1-2. Open also to approved students majoring in philosophy or ethics. Alternates with 9.*

8. THE SCIENCE OF LANGUAGE. The patterns of language. Linguistic stocks. The relations between languages and cultures. Linguistic change. *Prerequisite, 1-2. Open also to approved seniors majoring in language. Alternates with 10.*

9-10. CULTURAL EVOLUTION IN THE BIBLE AGE. The Hebraic-Christian tradition in our civilization, its origin and development, examined from the standpoint of social science. *Prerequisite, 1-2, or, for seniors, the consent of the instructor.* (Not offered in 1950-51.)

15-16. PHYSICAL ANTHROPOLOGY. The origin and evolution of man and his races. Human constitutional types. Social biology. *Open to sophomores. Alternates with 3-4.*

ART

MESSRS. PARKER AND PENNEY

1-2. CREATIVE PAINTING AND DRAWING. Lectures and demonstrations of the methods and materials employed by professional art-

ists will be coordinated with the individual student's work. *Open to approved freshmen. Three hours' credit per semester for nine studio hours. Laboratory fee. $10.* MR. PENNEY.

3-4. ADVANCED PAINTING AND DRAWING. Figure, landscape, and still life painting and drawing in various media. Students will be assigned special projects. *Prerequisites, 1-2 and the consent of the instructor. Three hours' credit per semester for nine studio hours. Students will supply their own materials.* MR. PARKER.

5-6. INTRODUCTION TO THE HISTORY OF ART. A survey of the more important monuments and periods. First semester: from prehistoric times through the Middle Ages. Second semester: from the Renaissance to the present. *Open to sophomores.* MR. PARKER.

7. MODERN EUROPEAN ART. The leading figures and movements in European art from the 18th century to the present. *Prerequisite, 5-6. Constitutes a year-course with 8.* (Not offered in 1950-51.) MR. PARKER.

8. PRINCIPLES OF ART. Formal analysis of works of art, methodology of art criticism, and an examination of contemporary trends in empirical aesthetics. *Prerequisite, 7. Constitutes a year-course with 7.* (Not offered in 1950-51.) MR. PARKER.

9-10. RENAISSANCE PAINTING, ARCHITECTURE, AND SCULPTURE. First semester: the Renaissance in Italy. Second semester: the Renaissance in Northern Europe and Spain. *It is strongly recommended that students take History 11-12 concurrently. Prerequisite, 5-6. Alternates with 11-12.* (Not offered in 1950-51.) MR. PARKER.

11. FUNDAMENTALS OF ARCHITECTURE. Architectural monuments of all periods with special emphasis on structure, plans, utility, and style. *Prerequisite, 5-6. Alternates with 9. Constitutes a year-course with 12.* MR. PARKER.

12. AMERICAN ART. From colonial times to the present. *Prerequisite, 5-6. Alternates with 10. Constitutes a year-course with 11.* MR. PARKER.

BIOLOGY

MESSRS. HESS, ROGERS, AND NEWCOMER

All courses in biology require two hours in the lecture room and four hours in the laboratory each week, but are reckoned as three-hour courses; but for the Class of 1954 and later classes the credit for 1-2 will be four hours each semester. The laboratory fee for each course is $5.00 a semester.

1-2. GENERAL BIOLOGY. An introduction to the study of plant and animal life, with particular attention to the structure and functions of organisms. The course is designed to serve both as a source of general knowledge and as a background for advanced work in the biological sciences. Laboratory work is based on a study of plants and animals selected to illustrate the functions and principles involved. *Open to freshmen.*

MESSRS. HESS AND NEWCOMER.

3. EMBRYOLOGY. A study of the development of representative forms of the chief classes of vertebrates, with particular emphasis on the embryology of the frog, chick, and mammal. *Prerequisite, 1-2.*

MESSRS. ROGERS AND NEWCOMER.

4. ZOOLOGY OF VERTEBRATES. The dissection and comparative study of a series of vertebrates, tracing the progressive modifications of the organ system from fishes to mammals, with special emphasis on mammalian anatomy. *Prerequisite, 3.*

MESSRS. ROGERS AND NEWCOMER.

5. GENETICS. A study of heredity and variation in animals and plants including a discussion of heredity in man. The general principles of evolution are considered in the light of evidence from experimental genetics. Lectures, laboratory, and reports on special assignments and problems. *Prerequisite, 1-2.* MR. HESS.

6. HISTOLOGY AND MICROSCOPICAL TECHNIQUE. A practical course in the methods of microscopical technique and a study of mammalian tissues. *Prerequisite, 1-2.* MR. NEWCOMER.

7. PHYSIOLOGY. A study of the more fundamental problems of general physiology, and the functions of the organ systems of ani-

mals. *Prerequisites, 3-4 and a knowledge of the fundamental principles of chemistry.* MR. NEWCOMER.

8. EXPERIMENTAL ZOOLOGY. Readings, conferences, and laboratory work on problems of experimental zoology. *Prerequisite, 3-4.* (Not offered in 1950-51.) MR. ROGERS.

9. INVERTEBRATE ZOOLOGY. A study of invertebrate animals, including the structure, physiology, and ecology of representative forms. Special attention is given to the more important parasitic species. *Prerequisite, 3-4.* (Not offered in 1950-51.)
MESSRS. HESS AND NEWCOMER.

10. BACTERIOLOGY. A study of the general principles and technique of bacteriology, including the relation of micro-organisms to health and disease. *Prerequisites, 1-2 and some knowledge of chemistry.* MR. HESS.

CHEMISTRY

MESSRS. MCKINNEY, YOURTEE, AND BELLAMY

All courses in chemistry require two hours in the lecture room and hour courses; but for the Class of 1954 and later classes the credit four hours in the laboratory each week, but are reckoned as three-for 1-2 will be four hours each semester. The laboratory fee for each course is $12.50 a year.

1-2. ELEMENTARY COLLEGE CHEMISTRY. A study of the principles of general chemistry considered both qualitatively and quantitatively. The purpose of the course is to associate instruction in chemistry with training in scientific thinking. Previous experience in chemistry is not required, but it is desirable that students electing the course shall have had either chemistry or physics in high school. *Open to freshmen.* MESSRS. YOURTEE AND BELLAMY.

3-4. ANALYTICAL CHEMISTRY. First semester; qualitative analysis. The theory and practice involved in the systematic separation and identification of the commoner cations and anions and in the analysis of unknown substances. Second semester: quantitative analysis. Classroom drill and laboratory practice in the more important typical gravimetric and volumetric methods. *Prerequisite, 1-2.*
MESSRS. MCKINNEY AND BELLAMY.

5-6. ORGANIC CHEMISTRY. An introduction to the chemistry of the compounds of carbon. The more important groups of aliphatic and aromatic compounds; lectures and recitations, with closely coordinated laboratory work on the preparation of typical compounds. *Prerequisite, 1-2.* MR. MCKINNEY.

7-8. PHYSICAL CHEMISTRY. A course of study in the theoretical background of chemistry in general, from the two points of view of thermodynamics and kinetics. The usual topics of physical chemistry are included. Applications are developed through the solution of problems, both in the classroom and in the laboratory. *Prerequisites, 3-4, Physics 1-2, and Mathematics 1-2B. unless special arrangement is made in advance with the instructor.* MR. YOURTEE.

9-10. ADVANCED ORGANIC CHEMISTRY. A laboratory course continuing the work of 5-6. Emphasis is laid upon the study of the various types of reactions of organic chemistry. Detailed attention is paid to experimental conditions, yields, purity of products, functional groups, and other factors necessary to organic preparations of more advanced types. The second term is devoted to the qualitative identification of organic compounds. Conferences and laboratory work. *Open to juniors. Prerequisite, 5-6.*

MR. MCKINNEY.

ECONOMICS

MESSRS. PATTON AND GAMBS

1-2. INTRODUCTION TO ECONOMICS. An introductory course in economics, with major emphasis on the material and psychological circumstances underlying the economic problems of modern industrial civilization, particularly in the United States. *Open to sophomores.* MESSRS. PATTON AND GAMBS.

3-4. NATURAL RESOURCES AND INDUSTRIES. A study of natural resources and their geographical distribution, and of the technology and economics of the industries particularly dependent on them. *Open to sophomores. Alternates with 7-8.* MR. PATTON.

5-6. CORPORATION FINANCE AND GOVERNMENT REGULATION OF INDUSTRY. First semester: a detailed study of the financial practices of corporations and their social regulation. Second semester: a study of

the principles and practices involved in the public regulation of utilities and other selected industries. *Open to juniors.* MR. PATTON.

7-8. MONEY, BANKING, AND PUBLIC FINANCE. First semester: the monetary aspects of the modern economy, with special reference to the organization of banking in the United States and to the theory of money. Second semester: a study of the principles and practices involved in taxation, public debt management and other financial problems of our federal and local governments. *Open to sophomores. Alternates with 3-4.* (Not offered in 1950-51.)
MR. PATTON.

9. LABOR PROBLEMS AND SOCIAL LEGISLATION. The history, practices and problems of labor organizations. Workmen's compensation, social security, and other labor legislation. *Prerequisite, 1-2, or the consent of the instructor.* MR. GAMBS.

10. BUSINESS CYCLES. A study of the principal theories designed to account for alternating periods of prosperity and depression, with emphasis on the work of J. M. Keynes and Wesley Mitchell. *Prerequisite, 1-2, or the consent of the instructor.* (Not offered in 1950-51.) MR. GAMBS.

11-12. HISTORY OF ECONOMIC THOUGHT. The development of economic ideas from the age of mercantilism to the present day. Relationships will be traced between the development of economic, social, and political institutions and that of economic doctrines. Readings from the original writings of the principal economists of the past. *Open to seniors and selected juniors who have had at least two previous courses in economics, one of which must be 1-2 or 9-10, and who have obtained the consent of the instructor.*
MR. GAMBS.

13. ECONOMIC STATISTICS. A general course in statistical methods, with special reference to economic problems as they concern governmental research and business activity. *Prerequisite, 1-2.* (Not offered in 1950-51.) MR. GAMBS.

14. INTERNATIONAL ECONOMIC RELATIONS. A study of how and why commodities move over national boundaries. Foreign exchange; international investment. International commerce before

the war; lend-lease and mutual aid; the postwar situation. United States commercial policies. The agencies of the United Nations for the promotion of international economic exchanges. *Prerequisite, 1-2.* MR. GAMBS.

SOCIAL STUDIES 1-2. A general introduction to the social sciences. A survey of current economic, political, and social organization throughout the world; a study of the evolution of institutions and of theories of social change. Several members of the faculty will take part in the teaching of this course. *Open to freshmen only. In 1950-51, limited to fifteen.* MR. GAMBS AND OTHERS.

EDUCATION

MR. HUNT

1-2. PROBLEMS OF EDUCATION; EDUCATION PSYCHOLOGY. A historical and comparative study of the major tendencies and characteristics of society in western nations as they affect education and are affected by educational ideals and the structure of educational systems, with special emphasis upon the problems of education in a free society. During the second semester the nature of the learner and the learning process are considered in their relation to the problem of bringing about various socially desirable developments in behavior. *Open to sophomores.*

3-4. TESTS AND MEASUREMENTS; MEASUREMENT OF INTELLIGENCE. Character and Personality. The classification and definition of major types of objectives in terms of behavior and the evaluation of results. The application of psychological principles to learning and development of adolescents. The methods and techniques for obtaining facts and evaluative data necessary for valid guidance. Emphasis is laid upon the appropriate statistical tools and procedures for classroom measurement and experimentation and upon general statistical analyses of data. *Prerequisite, 1-2, or the consent of the instructor.*

5-6. SECONDARY SCHOOL METHODS AND MATERIALS; SUPERVISED STUDENT-PRACTICE TEACHING. A detailed study of secondary-school methods, materials and classroom techniques, including seminar work in methods of teaching the special subjects. The second

semester normally is devoted to observation and supervised practice at nearby high schools. *Open to seniors approved by the Department and by the Board of Review. Approval will be based on the quality of previous work in Education and in the field in which the candidate is preparing to teach. Prerequistes, 1-2 and 3-4.*

TEACHER EDUCATION. Students who are lookng forward to a career in teaching, whether they plan to teach the academic subjects or the special subjects, such as Art, Music, Speech, etc., should consult the head of the Department during their freshman year regarding requirements for state certification.

ENGLISH COMPOSITION

MESSRS. RUDD, MARSH, NESBITT, JOHNSTON, WILLIAMS, AND BARRETT

Only one course in English Composition may be taken in any one year.

1-2. FRESHMAN ENGLISH COMPOSITION. The principles of English composition and the practice of writing. Themes and conferences; readings in selected masterpieces. Instruction in writing is largely individual. *Either 1-2 or 1-2A is required of all freshmen.*
MESSRS. NESBITT, JOHNSTON, WILLIAMS, AND BARRETT.

1-2A*. SEMINAR IN READING, WRITING, AND SPEAKING. The intensive study of selections from such classics of literature and philosophy as Homer, the Bible, Shakespeare, Milton, Plato, and Mill. Writing and group discussion based on this reading. *Sections limited to twelve freshmen each. This course may be substituted for English Composition 1-2 and one elective. Credit, twelve semester hours.* MESSRS. RUDD, NESBITT, AND JOHNSTON.

3-4. ADVANCED ENGLISH COMPOSITION. The study and practice of the various forms of writing. Reading and analysis of selected novels and periodical essays. *Prerequisite, a grade of at least B in 2 or 2A or 10. Not open to students who have had 7-8. Limited to fifteen.* MR. MARSH.

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* With the cooperation of Mr. Durham.

7-8. IDEAS OF ORDER. An advanced course for those who intend to continue creative writing after graduation. Original manuscripts will be read aloud and considered by the entire class, as well as by the instructor in conference. Regular lectures and discussions will attempt to generalize some precepts of style and order from the consideration of particular examples, giving special attention to contemporary works. *Prerequisite, two year-courses in English Composition, or a grade of A in 2 or 2A. Limited to fifteen.*
MESSRS. WILLIAMS AND BARRETT.

9-10. EXPOSITORY WRITING. The theory of exposition; constant practice in writing clear and logical expository prose. Study of selected specimens of exposition. *Prerequisite, 1-2 or 1-2A. Not open to students who have had 3-4 or 7-8. Limited to two sections of fifteen each.* MESSRS. JOHNSTON, WILLIAMS, AND BARRETT.

ENGLISH LITERATURE

MESSRS. RISTINE, RUDD, NESBITT, AND JOHNSTON

1-2. GENERAL INTRODUCTION TO ENGLISH LITERATURE. A rapid survey of English literary history from the beginnings, accompanied by classroom study of the greater English poets, especially Chaucer, Shakespeare, Milton, Burns, Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning. Lectures and recitations. *Open to sophomores who have passed English Composition 1-2 or 1-2A.* MESSRS. RISTINE, RUDD, NESBITT, AND TOLLES.

3-4. SEVENTEENTH CENTURY LITERATURE. The later Elizabethan drama; the seventeenth-century lyric, with special emphasis on Donne and the metaphysical poets; Bacon, Burton, and Browne; the poetry of Milton. The Restoration Period; John Dryden; the dramatists, diarists, and memoir writers. *Prerequisite, 1-2. Alternates with 5-6.* MR. RUDD.

5-6. EIGHTEENTH CENTURY LITERATURE. The Augustan writers of the Age of Pope, with special attention to the development of modern prose style, the rise of the periodical essay, the pamphlet, and the polite epistle. The eighteenth-century novel. Dr. Samuel Johnson. The beginnings of Romanticism, as seen especially in the poetry of the century. *Prerequisite, 1-2. Alternates with 3-4.* (Not offered in 1950-51.) MR. RUDD.

7-8. NINETEENTH CENTURY LITERATURE. The growth of Romanticism in England, and its influence on imaginative literature and criticism between 1798 and 1832; the thought and literary art of the Victorians, particularly Carlyle, Mill, Browning, and Arnold. The development of the periodical and of the novel, with outside readings in Jane Austen, Scott, Dickens, Thackeray, George Eliot, and other novelists as time permits. Term essays required. *Prerequisite, 1-2.* MR. NESBITT.

9-10. AMERICAN LITERATURE. A survey of American literature from colonial times, with critical study of the chief poets and prose writers of the nineteenth and early twentieth centuries. An attempt will be made to see this literature in relation to contemporary English literature and to estimate its expression of American national traits and ideals. *Prerequisite, 1-2.* MR. RUDD.

11-12. ANGLO-SAXON; MIDDLE ENGLISH. First semester: an introduction to the language and literature of England before the Norman Conquest. An Anglo-Saxon reader is the basis of study, accompanied by lectures on the history, structure, and vocabulary of the English language. Second semester: Chaucer, his century, and his contemporaries. *The Canterbury Tales* are read, the *Troilus and Criseyde,* and some of the minor poems. *Open to juniors.*
MR. RISTINE.

13-14. SHAKESPEARE AND THE ELIZABETHAN DRAMA. Shakespeare is the center of study for the year. All the plays are read, with critical study of certain dramas representative of the different stages in the development of his art. Lectures on the history of the drama from the beginnings to Shakespeare; collateral reading in the minor Elizabethan playwrights. Library topical work and practice in handling original sources. Term theses required. *Open to seniors who have completed with a grade of B at least one year-course in this department.* MR. RISTINE.

ETHICS AND RELIGION

MR. HAYNER

1-2. RELIGION IN WESTERN CIVILIZATION. A survey of the role of religion in the development of western culture. Particular em-

phasis will be placed upon the social, institutional, and ideological influence of Judaism, Greek religion and philosophy, and the principal Christian points of view. *Open to sophomores.*

3-4. THE MAJOR WORLD RELIGIONS. The religious systems of Hinduism, Buddhism, Confucianism, Taoism, Zoroastrianism, Shinto, Islam, Judaism, and Christianity, considered with respect to the assumptions underlying their doctrines and the philosophical implications involved. *Prerequisite, Ethics 1-2 or Philosophy 3-4.* (Not offered in 1950-51.)

5-6. PROBLEMS OF ETHICS. First semester: the field of ethics; ethical theories and the basic ideas involved in moral judgments. Second semester: the contributions of outstanding modern thinkers to the ethical aspects of personal, social, and political behavior. *Prerequisite, Philosophy 3-4.*

FRENCH

MESSRS. MORAUD, HAMLIN, TILESTON, AND PIANO

1-2. ELEMENTARY FRENCH*. Thorough grounding in grammar and pronunciation. *Open to freshmen. Freshmen who take this course receive credit for it only upon completion of French 3-4. Others may receive credit for French 1-2 without completing French 3-4 only upon recommendation by the head of the Department. Five hours a week throughout the year.* MESSRS. TILESTON AND PIANO.

3-4. INTERMEDIATE FRENCH. Review of grammar and syntax; oral and written drill on vocabulary and idioms; reading of standard literary texts. *Prerequisite, 1-2, or at least 2 units of entrance French. Required of sophomores who have taken 1-2.*

MESSRS. MORAUD, HAMLIN, AND TILESTON.

5-6. INTRODUCTION TO LITERATURE. Readings in modern French literature through the method of *explication de texte.* This course is conducted largely in French. *Prerequisite, 3-4 or the equivalent.*

MESSRS. MORAUD, HAMLIN, AND PIANO.

7-8. (Formerly 17-18.) COMPOSITION AND ORAL PRACTICE. A practical course, conducted entirely in French, which emphasizes

* Credit is not given for the first semester alone of any elementary language course.

the oral and written use of the language. *Sections limited to twelve students. Open to those who have elected 5-6.* MR. TILESTON.

15-16. THE DRAMA AND THE NOVEL. Literature from the classical period to the present day. A semester is devoted to each form. Topics are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in French. *Prerequisite, satisfaction of the language requirement or its equivalent.* MR. MORAUD.

19-20. THINKERS AND CRITICS. Classical and modern authors from Montaigne to Renan. Topics are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in French. *Prerequisite, as for 15-16. Enrollment limited.* (Not offered in 1950-51.) MR. MORAUD.

21-22. CONTEMPORARY FRENCH LITERATURE. Representative authors of the twentieth century. Topics are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in French. *Prerequisite, as for 15-16. Enrollment limited.* MR. HAMLIN.

GEOLOGY

MESSRS. OXLEY AND SCHNEER

1-2. GENERAL GEOLOGY. An introductory course, including studies of the various geological agencies and processes responsible for the past and present surface features of the earth, the general composition and structure of the earth's crust, and the geological history of the earth. Lectures, recitations, laboratory, and field work. *Open to freshmen. Laboratory fee, $5.*

MESSRS. OXLEY AND SCHNEER.

3-4. MINERALOGY. An introductory and determinative study of the more important minerals as shown by their crystal forms as well as by their principal physical and chemical characteristics. Some attention is paid to the mode of occurrence, the origin, and the association of the chief rock-forming minerals and to those minerals which are economically significant. Lectures, laboratory, and field work. *Prerequisite, Chemistry 1-2, or its equivalent. This*

course may parallel 1-2, 5-6, or 9-10 to advantage. Laboratory fee, $5.
MR. SCHNEER.

5-6. STRUCTURAL AND ECONOMIC GEOLOGY. First semester: a study of the primary structures of sedimentary and igneous rocks and the principles of deformation and geotectonics. Methods of determination of the structures in the field; interpretation and construction of topographic and geological maps. Second semester: the geological occurrence and origin of the important metallic and non-metallic ores, with special consideration of coal, petroleum, and iron. The relation and the importance of these to man are an essential part of the course. Lectures, discussions, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee, $5.*
MESSRS. OXLEY AND SCHNEER.

7-8. PHYSICAL AND REGIONAL GEOLOGY AND GEOGRAPHY. First semester: space and distance relations on the earth, cartography, elements of meteorology and climatology, land forms, great soil-types, principal mineral deposits, surface and sub-surface water supplies, and world traffic routes. Second semester: a consideration of the geomorphology and regional structure of one of the continents. This year North America will be studied. Lectures, discussions, reports, laboratory, and, in the first semester, field work. *Open to sophomores.* MESSRS. OXLEY AND SCHNEER.

9-10. OPTICAL MINERALOGY AND PETROLOGY. A microscopic study of rock-forming minerals and rocks, followed by the history, origin, and classification of rocks. Lectures, laboratory, and field work. *Prerequisites, 1-2 and 3-4, but 3-4 and 9-10 may be taken concurrently. Laboratory fee, $5.* (Not offered in 1950-51.)
MR. SCHNEER.

11-12. ADVANCED HISTORICAL GEOLOGY. First semester: invertebrate paleontology; the beginning and development of the primitive earth; the physical and organic history of the earth during the Pre-Cambrian and early Paleozoic eras. Second semester: the later Paleozoic, Mesozoic, and Cenozoic eras. Lectures, discussions, reports, laboratory, and field work. *Prerequisite, 1-2. Laboratory fee, $2.50.* MR. OXLEY.

GERMAN

MESSRS. LIEDKE, BROWNING, AND REID

In all the courses there is constant emphasis upon conversational, oral, and written drills as a necessary basis for the attainment of a fluent reading knowledge of the language.

1-2. ELEMENTARY GERMAN*. Thorough grounding in pronunciation, grammatical forms, and syntax in coordination with the reading and discussion in German of easy texts and the memorizing of poetry. *Open to freshmen. Freshmen who take this course receive credit for it only upon completion of German 3-4. Others may receive credit for German 1-2 without completing German 3-4 only upon recommendation by the head of the Department. Five hours a week throughout the year.* MR. REID.

3-4. INTERMEDIATE GERMAN. Review of grammar and syntax; oral and written drill on vocabulary and idioms; reading and discussion in German of narrative prose texts; the memorizing of simple poems. *Prerequisite, 1-2, or a minimum of two units of entrance German. Required of sophomores who have taken 1-2 as freshmen.* MESSRS. LIEDKE, BROWNING, AND REID.

5-6. INTRODUCTION TO GERMAN LITERATURE. The reading and study of German prose and verse of the 19th and 20th century; outside reading and written reports. This course is conducted principally in German. *Prerequisite, 3-4.*

MESSRS. LIEDKE AND BROWNING.

7-8. MODERN GERMAN POETRY AND PROSE. Special emphasis will be laid on poetry. Text exegesis, oral and written reports, and essays; outside reading in prose and verse.

MESSRS. BROWNING AND LIEDKE.

9-10. GERMAN DRAMA. Brief introductory survey of the history of German drama; critical study and interpretation, and conversational discussion in German, of the dramas of Lessing, Goethe, Schiller, and representative nineteenth-century and contemporary

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* Credit is not given for the first semester alone of any elementary language course.

dramatists; written reports and essays. *Prerequisite, 5-6, or 7-8, or 15-16, or a grade of B in 3-4.* MR. LIEDKE.

11-12. THE WORKS OF GOETHE. Critical study and interpretation of a selection of Goethe's works. The study of Faust constitutes the major part of the course. Outside reading and essays are required. This course is conducted entirely in German. *Prerequisite, 5-6.* (Not offered in 1950-51.) MR. LIEDKE.

13-14. SELECTED MASTERPIECES OF GERMAN LITERATURE. Intensive study of recognized masterpieces with particular reference to their place in the literature and history of Europe and Germany. Lectures and class discussion in German; extensive collateral reading and reports. *Prerequisite, 5-6.* MESSRS. LIEDKE AND BROWNING.

GREEK

MR. DURHAM

1-2. ELEMENTARY GREEK*. Ball's *Elements of Greek.* Forms, exercises, translation of narrative passages, and the writing of simple Greek sentences. Selections from the first book of Xenophon's *Anabasis. Open to freshmen.*

3-4. HOMER. First semester: selections from the *Iliad;* Homeric forms, constructions, and prosody. Second semester: selections from the *Odyssey,* with particular attention to the structure of the poem, to Homeric antiquities, and to the historical aspects of the language. *Prerequisite, 1-2, or two units of entrance Greek.*

5-6. PLATO; LYRIC POETS AND THEOCRITUS. First semester: the *Apology, Crito,* and portions of the *Phaedo.* A study of the character of Socrates as portrayed by Plato and of the more general aspects of his significance as a thinker. Second semester: lyric poetry; the *Idylls* of Theocritus, illustrated by parallel passages from the other Alexandrian poets. *Prerequisite, 3-4, or three units of entrance Greek.*

7-8. GREEK DRAMA. Careful interpretation of a tragedy of Aeschylus, Sophocles, or Euripides, followed by rapid reading of

* Credit is not given for the first semester alone of any elementary language course.

other tragedies. Aristophanes is studied in similar manner. *Prerequisite, 5-6.*

9-10. PROSE WRITERS. Herodotus, Selections. Thucydides, Books 2 and 3. The sources of Greek History. Demosthenes' *De corona,* Plutarch's *Life of Demosthenes. Prerequisite, 7-8, or, with the consent of the instructor, 5-6.*

11-12. SURVEY OF GREEK LITERATURE. Wide reading of prose and poetry, accompanied by the study of Greek history and of the history of Greek literature. Some work will be done also in epigraphy, palaeography, papyrology, and archaeology. *Prerequisite, 9-10.* (Not offered in 1950-51.)

HISTORY

MESSRS. GRAVES, ELLIS, AND GILBERT

1-2*. THE HISTORICAL BACKGROUND OF MODERN SOCIETY. An introduction to the historical development during the past two centuries of significant political, economic, and social forces which are moulding modern European and American society. *Open to freshmen.* MESSRS. GRAVES, ELLIS, AND GILBERT.

3-4. ENGLAND AND THE BRITISH EMPIRE. A historical study of the development of British institutions and their spread to other parts of the world, with particular attention to economic and social changes in Great Britain and in the British Commonwealth and Empire. *Prerequisite, 1-2.* MR. GRAVES.

5-6. FRENCH REVOLUTION AND NAPOLEON; DIPLOMACY OF IMPERIALISM. First semester: a study of Europe, with particular reference to France, in the period from 1789 to 1815. Second semester: a study of European Imperialism and diplomacy from 1878 to 1920. *Prerequisite, 1-2. Alternates with 11-12.* MR. GRAVES.

7-8. HISTORY OF THE UNITED STATES. A survey of the development of the American nation from colonial beginnings to the present. *Open to sophomores. Prerequisite, 1-2, or the consent of the instructor.* MR. ELLIS.

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* With the cooperation of Mr. Lenczowski.

9-10. ECONOMIC AND SOCIAL HISTORY OF THE UNITED STATES. A study of agricultural, commercial, and industrial history and institutions, of transportation, and of the influence of government on economic activities. During the second semester social institutions and intellectual currents will also be examined. *Open to juniors. Prerequisite, 7-8. Alternates with 15-16.* MR. ELLIS.

11-12. EUROPEAN CIVILIZATION FROM THE ELEVENTH TO THE SEVENTEENTH CENTURY. First semester: the society and culture of the later Middle Ages. Second semester: the society and culture of the period usually designated renaissance and reformation. *Open to juniors. Prerequisite, 1-2, or the consent of the instructor. Alternates with 5-6.* (Not offered in 1950-51.) MR. GRAVES.

13-14. SEMINAR. Seminar work in History will be open to approved seniors.

15-16. TWENTIETH CENTURY AMERICA. The adaptation of American democracy to the machine age and urban life; the New Nationalism, the New Freedom, and the New Deal; American entry into the two World Wars. *Prerequisite, 7-8. Alternates with 9-10.* (Not offered in 1950-51.) MR. ELLIS.

LATIN

MR. MATTINGLY

A-B*. ELEMENTARY LATIN. First semester: pronunciation, vocabulary, morphology, syntax; oral practice, the writing of simple sentences in Latin, easy translations. Second semester: continuation of the work of the previous semester with the addition of systematic study of passages from Latin prose authors. *Open to freshmen.*

1-2. INTRODUCTORY COURSE IN LATIN LANGUAGE AND LITERATURE. First semester: prose authors, principally Sallust and Tacitus; emphasis upon comprehension of the sentence and systematic mastery of vocabulary. Second semester: further reading in such prose authors as Tacitus, Pliny, Seneca; emphasis upon the stu-

* Credit is not given for the first semester alone of any elementary language course.

dent's comprehension of connected prose. *Open to approved freshmen with adequate high school preparation.* (Not offered in 1950-51.)

3-4. READINGS IN LATIN PROSE WRITERS. First semester: continued emphasis upon comprehension and the mastery of vocabulary; attention to the reproduction in translation of different Latin prose styles as represented by such authors as Cicero, Tacitus, Quintilian, Augustine. Second semester: continuation of the work of the preceding semester with some study of rhetorical theory and the historical background of the authors read. *Prerequisite, A-B, or superior high school preparation.*

5-6. LATIN POETRY (principally satire and comedy). Translation, study of metrical forms, reading in secondary sources. *Prerequisite, the consent of the instructor. Alternates with 7-8.*

7-8. LATIN POETRY (principally lyric, elegiac, and epic). Translation, study of metrical forms, ancient literary criticism. *Prerequisite, the consent of the instructor. Alternates with 5-6.* (Not offered in 1950-51.)

9-10. PAGANISM AND THE ANCIENT WORLD ORDER. Mediterranean civilization culminating in the Roman Empire. Special attention to selected literary sources read in translation, e.g., Vergil, Lucretius,Ovid, Livy, Plutarch, Polybius, Pliny the younger, Seneca, Lucian, Marcus Aurelius, Augustine. Emphasis is placed largely upon literary sources, religious and cultural institutions, and ancient thought as reflecting and reflected in ancient life. *Open to juniors. Alternates with 11-12.* (Not offered in 1950-51.)

11-12. ROMAN SOCIAL, POLITICAL, AND LEGAL INSTITUTIONS. Roman history from the regal period to the late Empire, with emphasis upon social, political, and legal institutions. Textbook and readings in translation. *Open to juniors. Alternates with 9-10.*

MATHEMATICS

MESSRS. GERE, VAN ALSTYNE, AND CLELLAND

1-2A. PLANE TRIGONOMETRY, ALGEBRA. First semester: theory and use of logarithms, definitions and relations of the trigonometric functions of acute angles and of angles in general, the solu-

tion of right and oblique triangles, drill in computation. Second semester: introductory review, quadratic functions, graphs, theory of equations, permutations and combinations, probability, determinants, partial fractions, complex numbers. *Prerequisite, three units of entrance credit in mathematics.* MR. CLELLAND.

1-2B. ANALYTIC GEOMETRY; CALCULUS. First semester: topics from plane analytic geometry including the straight line, circle, conics, and polar coordinates. Second semester: an introductory course in the differential and integral calculus, with applications to algebra, geometry, and mechanics. *Prerequisite, 1-2A, or at least three and one-half units of entrance credit in mathematics, including plane trigonometry.* MESSRS. VAN ALSTYNE AND CLELLAND.

1-2C. TERMINAL COURSE IN MATHEMATICS. A study of selected problems to provide experience in the use of mathematical methods. The techniques applied are those of elementary analysis. In the second semester geometrical concepts and postulate systems are emphasized. *Open to freshmen only. Will not serve as a prerequisite for other courses in mathematics and will not count toward a major in mathematics.* MR. GERE.

3-4. CALCULUS, ANALYTIC GEOMETRY. Further study of the differential and integral calculus, and analytic geometry, including analytic geometry of three dimensions. Applications. *Prerequisite, 1-2B.* MR. CLELLAND.

5-6. DIFFERENTIAL EQUATIONS; ADVANCED CALCULUS. First semester: the solution of simpler types of ordinary differential equations, with applications to physics. Second semester: special topics from the calculus, including elliptic integrals, Fourier series, gamma and Bessel functions, partial differentiation, partial differential equations. Applications. *Prerequisite, 3-4.* MR. VAN ALSTYNE.

7-8. DIFFERENTIAL GEOMETRY; PROJECTIVE GEOMETRY. First semester: an introduction to the metric differential geometry of curves and surfaces in three dimensions. Second semester: elementary synthetic projective geometry involving first and second degree forms, constructions, and an introduction to postulate theory. *Prerequisite, 3-4.* MR. GERE.

9-10. SURVEY COURSE. A survey of the earlier courses in algebra, analysis, and geometry, introducing material that had previously been omitted, supplying rigorous proofs for many theorems, and studying briefly the logical foundations of the science. A preparatory course for those planning either to teach mathematics or to take graduate study in it. *Open to those who have elected 7-8.*

MR. GERE.

11-12. ADVANCED CALCULUS; TENSOR ANALYSIS. First semester: special topics from the calculus, including partial differential equations, line integrals, Green's and Stokes's theorems, differential geometry. Second semester: the calculus of vector and tensor analysis, with applications to physics and geometry. *Open to those who have elected 5-6 and 7-8.* (Not offered in 1950-51.)

13-14. MATHEMATICS OF FINANCE AND STATISTICS. An introductory course in the mathematical methods and principles of statistical analysis, investments, and business. Type problems, chosen from the fields of education, business, and the experimental sciences, are studied in detail. *Prerequisite, 1-2A or its equivalent. Will not count toward a major in mathematics.*

MESSRS. GERE AND VAN ALSTYNE.

MUSIC

MESSRS. SHUTE AND BALDWIN

1-2. THE FUNDAMENTALS OF MUSIC. The essentials of notation, sight-singing, ear-training, harmony, music forms, and orchestration deduced from the study of orchestral scores of Mozart, Haydn, Beethoven, and Schubert. No previous knowledge of music is necessary. *Open to juniors and approved underclassmen.*

MR. SHUTE.

3-4. CHORAL MUSIC. The singing, largely *a cappella,* of church music; selections from such great composers as Palestrina, Bach, Haydn, Byrd, Händel, Mendelssohn, from the liturgy of the Russian Church, from Negro spirituals, and from composers of the modern schools. Those taking this course constitute the College Choir. *Open, with the approval of the instructor, to all undergradu-*

ates in regular standing. The basis of approval is ability to sing. Three hours a week throughout the year. Credit, one hour each semester. MR. BALDWIN.

5-6. THE HISTORY OF MUSIC. A study of composers and their works, the evolution of forms and styles, and the relation of all these to the culture that produced them from ancient Greek times to the present. *Prerequisite, 1-2.* MR. SHUTE.

7-8. ELEMENTARY COMPOSITION. A course designed to train students in writing in the smaller forms both vocal and instrumental. Elementary harmony and ear-training are studied systematically, but the emphasis is on actual creative composition. Applicants for this course must understand thoroughly the rudiments of musical theory and play some instrument. *Open to approved sophomores.* MR. BALDWIN.

9-10. COMPOSITION. A continuation of 7-8, with emphasis on chromatically altered chords and counterpoint. *Prerequisite, 7-8.* MR. BALDWIN.

11-12. ADVANCED COMPOSITION. Invertible counterpoint, canon, and fugue. Composition in the larger forms and elementary orchestration. *Prerequisite, 9-10.* MR. BALDWIN.

For those desiring individual instruction in instrumental or vocal music, excellent teachers are available. A practice room is maintained by the College which may be rented for one hour daily at $15.00 for the college year.

There are also available for student use a large collection of phonograph records and a comprehensive section in the College Library devoted to music and musicians.

TEACHER'S CERTIFICATE. The courses in music offered at Hamilton College only partially cover the subjects required by the State of New York for a music teacher's certificate. If a student is technically proficient on some instrument it is usually necessary to spend only one additional year at one of the institutions which prepare students for this certificate.

PHILOSOPHY

MESSRS. BLYTH AND HAYNER

1-2. AN ANALYSIS OF THE NATURE AND STRUCTURE OF THE REASONING PROCESS. A study of the factors involved in both valid and invalid reasoning as found in formal, empirical, and normative fields of thought. *Open to freshmen. Enrollment limited to two sections of fifteen each.* MESSRS. BLYTH AND HAYNER.

3-4. THE HISTORY OF PHILOSOPHY. A study of the philosophical classics of western civilization. The most important contributions of outstanding thinkers from early Greek times to the present will be considered. *Open to sophomores.* MESSRS. BLYTH AND HAYNER.

5-6. MODERN PHILOSOPHY. A study of the development of modern philosophy and the contributions of outstanding contemporary thinkers. *Prerequisite, 3-4.* MR. BLYTH.

7-8. PHILOSOPHICAL FOUNDATIONS OF MODERN SOCIETY. A systematic examination of the philosophical problems and methods underlying the political, social, and economic developments of modern society. *Prerequisite, 3-4. Enrollment limited.* MR. BLYTH.

PHYSICAL EDUCATION

MESSRS. WEBER, JONES, BATT, PANATIER, AND DUGAN

During their first three years in residence, all students participate in the individual development program in physical education. This program is based on the theory that it is as important to develop a good physique and a love of sport in the average man as it is to provide scope for the brilliant athlete.

All students are tested at the beginning of their college career to discover their individual needs. Four tests are given to men who qualify in the medical examination: (1) physical fitness, (2) swimming, (3) skill in one outdoor carry-over sport, (4) skill in one indoor carry-over sport. The type of program pursued by each student is determined by his performance in these tests.

Men in whom the medical examination discloses organic defects or functional disabilities enter an individualized program approved by the College Physician.

Facilities and instruction are provided for the following sports: badminton, baseball, basketball, boxing, football, golf, handball, soccer, speedball, hockey, skating, skiing, squash, swimming, tennis, touch football, track, volleyball, and wrestling.

A series of conferences in Health Instruction is required of all men during their first year in residence.

PHYSICS

MESSRS. CAMERON AND CURTIS

1-2. GENERAL PHYSICS. An introduction to the concepts and principles of classical and modern physics. *Prerequisite, plane trigonometry. Laboratory fee, $2.50. Open to freshmen with sufficient preparation in mathematics.* MESSRS. CAMERON AND CURTIS.

3-4. ATOMIC PHYSICS. The fundamental particles of modern physics and their roles in gaseous conduction, photoelectricity, atomic structure, x-rays, cosmic rays, nuclear disintegration, etc. *Prerequisites, 1-2 and Mathematics 1-2B. Laboratory fee, $10.*
MR. CAMERON.

5-6. MECHANICS. The statics and dynamics of particles and of rigid bodies, elasticity, periodic motions, and the mechanics of fluids. Calculus and vector methods are used throughout, the solution of problems being strongly emphasized. *Prerequisites, 1-2 and Mathematics 3-4.* MESSRS. CAMERON AND CURTIS.

7-8. HEAT AND THERMODYNAMICS; OPTICS. First semester: the principles of thermometry, transfer of heat, and thermodynamics with applications to selected mechanical and chemical systems. Second semester: the fundamental phenomena of light considered as a wave motion. Some time will also be devoted to the optics of lens systems. *Prerequisites, 1-2 and Mathematics 3-4. Laboratory fee (for the second semester), $5.* MESSRS. CURTIS AND CAMERON.

9-10. ELECTRICITY AND MAGNETISM. Direct and alternating current phenomena, electromagnetism, and an introduction to electronics. *Prerequisites, 5-6 and Mathematics 3-4; but 5-6 and 9-10 may be taken together in senior year. Laboratory fee, $10.* (Not offered in 1950-51.) MR. CAMERON.

POLITICAL SCIENCE

MESSRS. ROCKWELL, LENCZOWSKI, AND WELCH

1-2. CONTEMPORARY SYSTEMS OF GOVERNMENT. An examination of the political process as it operates today, primarily in the leading democracies. The United States and Britain studied comparatively as to their constitutional backgrounds, institutional framework, political dynamics and techniques, etc. France examined briefly as an example of a multi-party parliamentary democracy. During the last part of the second term attention is devoted to dictatorship as exemplified in Fascism and the U.S.S.R. *Open to freshmen.*

MESSRS. ROCKWELL AND WELCH.

5-6. INTERNATIONAL RELATIONS. First semester: the study of the relations between sovereign states as represented by traditional diplomacy. Second semester: the structure and functions of international organizations, including the United Nations. *Prerequisite, 1-2, or History 1-2.*

MR. LENCZOWSKI.

7-8. PARTIES, PRESSURE GROUPS, AND THE PUBLIC. A study of the less formalized political structures and processes, with special attention to the United States. Relation of political parties and pressure groups to important economic, religious, and other groups in the community; their organization; techniques of influencing elections, legislation, and administration; treatment of contemporary controversial issues. Such matters as the use of the suffrage and the distribution of opinions on important questions of the day will be studied in connection with the public at large. Written reports embodying some original research will be emphasized. *Prerequisite, 1-2.*

MR. WELCH.

9-10. CONSTITUTIONAL LAW. First semester: a history, illustrated by leading cases, of the development of constitutional principle and law in the United States. Second semester: a study, basically by the case method, of changing concepts of the constitutional rights of individuals. *Open to juniors. Prerequisite, 1-2.*

MR. ROCKWELL.

11-12. HISTORY OF POLITICAL THEORY. A study of the changing role of government and administration in human society, with

readings from classical and contemporary political and social thinkers. *Open to juniors. Prerequisite, 1-2, or the consent of the instructor.* MR. WELCH.

13-14. SEMINAR. Individual or group study of theoretical and practical aspects of political science will be open to approved seniors. MESSRS. ROCKWELL AND LENCZOWSKI.

15. PUBLIC ADMINISTRATION. A study of the management of public business, with special attention to the ways in which public policy is carried into effect. *Open to juniors. Prerequisite, 1-2.* (Not offered in 1950-51.)

16. LOCAL GOVERNMENT. A study of the growth and structure of the local community and the metropolitan region. *Open to juniors. Prerequisites, 1-2 and the consent of the instructor.* Field trips involving expense are a required part of this course. (Not offered in 1950-51.)

17. THE NEAR AND MIDDLE EAST. A historical and analytical study of contemporary political and economic problems of the Near and Middle East. *Open to juniors. Prerequisite, 1-2, or History 1-2, or the consent of the instructor.* (Not offered in 1950-51.)
MR. LENCZOWSKI.

19. SOVIET UNION. Brief survey of Imperial Russia; theory and structure of the Soviet State; political, economic, and social changes and the foreign policy of the Soviet Union since 1917. *Open to juniors. Prerequisite, 1-2, or History 1-2, or the consent of the instructor.* MR. LENCZOWSKI.

PSYCHOLOGY

MESSRS. SCHOEN AND LUNDIN

1-2. GENERAL PSYCHOLOGY. A study of the principles of human nature and of their operation in human living. First semester: the nature and the development of human behavior and human experience. Second semester: the nature of the problem of human adjustment and the main causes of failure of adjustment in sex, marriage, vocation, old age. *Open to sophomores.*
MESSRS. SCHOEN AND LUNDIN.

3-4. HUMAN PERSONALITY. A study of normal and abnormal personality. First semester: the nature, development and determinants of personality and the measurement of personality traits. Second semester: the nature and origins of personality disturbances and methods of treatment. *Prerequisite, 1-2.* MR. LUNDIN.

5-6. SOCIAL PSYCHOLOGY. A study of the individual in the social environment. First semester: the field of social psychology, its growing importance and its main branches and problems. Second semester: the operation of psychological principles in religion, art, work, industry, vocational guidance, education. *Prerequisite, 1-2.*
MR. SCHOEN.

7-8. SEMINAR. Group study of selected topics and problems. *Open to approved seniors who have taken Psychology 5-6. Enrollment limited to twelve. This course will be offered only in 1950-51.*
MR. SCHOEN.

PUBLIC SPEAKING

MESSRS. MARSH, HUNT, CARSON, AND ACKER

All courses for freshmen and sophomores are required. Normally, juniors elect at least two of the courses in Public Speaking offered to their class, and seniors elect one of the senior courses. Currently, one course is offered to juniors and one to seniors. All are one-hour courses unless otherwise stated.

Beginning with the Class of 1954 students may substitute approved non-credit work in speech for the required courses of junior and senior years.

1-2. FRESHMAN PUBLIC SPEAKING. The elements of public speaking. A systematic treatment of the principles of effective speech with emphasis on the social processes of speech, on methods of improving speech habits, and on the dependence of effective speech upon the development of ideas. Sections are limited to eighteen students. Voice and speech recordings are made and analyzed in conference. A textbook is used. The course combines both oral and written work and requires individual conferences. The work in this course is coordinated with that of other courses taken during the

freshman year. *Required of all freshmen. Two hours a week throughout the year. Credit, one hour each semester.*

MESSRS. MARSH, HUNT, CARSON, AND ACKER.

5-6. SOPHOMORE SPEECH COMPOSITION AND ARGUMENTATION. Study and practice in gathering materials for speeches and in outlining and organizing different types of speeches. Classroom study of the theory of argumentation and debate, including the analysis of propositions, methods of proof and rebuttal, briefing, and platform practice. An introduction to parliamentary procedure. The course combines both written and oral work. A textbook is used. *Two hours a week.*

MESSRS. MARSH, HUNT, CARSON, AND ACKER.

7-8. JUNIOR DISCUSSION. Original argumentative speeches, affirmative or negative, which lay stress on persuasion, 700-900 words in length. Each man who elects this course speaks twice each semester. *Prerequisite, 5-6.* (Not offered in 1950-51.)

9-10. JUNIOR DEBATE. Advanced classroom debates. Each man who elects this course debates twice each semester. Conferences required for all debates. *Prerequisite, 5-6.* (Not offered in 1950-51.)

11-12. JUNIOR EXTEMPORANEOUS SPEAKING. The purpose of the course is to give every man an opportunity to appear frequently before his sectional group, and to offer training in standard forms, such as speaking to entertain, to inform, to convince, and to persuade. Topics are approved and outlines submitted well in advance of the date when speeches are given. A textbook is used.

MESSRS. MARSH AND CARSON.

13-14. SENIOR ORATIONS. Each man appears twice each semester with original orations on approved subjects, 900-1100 words in length. (Not offered in 1950-51.)

15-16. SENIOR DEBATE. Advanced classroom debates. (Not offered in 1950-51.)

17-18. SENIOR EXTEMPORANEOUS SPEAKING. On the same general plan as 11-12. MESSRS. MARSH, HUNT, AND CARSON.

19-20. DRAMATIC INTERPRETATION. Classroom reading and acting of modern plays for the purpose of developing physical expression and understanding of the basic technique of acting. *Open to juniors approved by the instructor. One hour a week. With the consent of the instructors involved, credit for Public Speaking 19-20 may be substituted for Public Speaking 11-12 or 17-18.* MR. JOHNSON.

SPANISH

MESSRS. OBLETZ, PIANO, AND SCHWARTZ

1-2. ELEMENTARY SPANISH*. Pronunciation, and writing from dictation. Forms and rules of syntax with emphasis on their practical application; oral exercises. The reading of selected passages on Hispanic civilization and of graded short stories for translation and comprehension. *Open to freshmen. Freshmen who take this course receive credit for it only upon completion of Spanish 3-4. Others may receive credit for Spanish 1-2 without completing Spanish 3-4 only upon recommendation by the head of the Department. Five hours a week throughout the year.*

MESSRS. OBLETZ AND SCHWARTZ.

3-4. INTERMEDIATE SPANISH. Continued practice in composition, dictation, and oral drill. Intensive study of works of representative authors, and extensive reading and sight translation. This course is conducted in Spanish as much as possible. *Prerequisite, 1-2, or two or three units of entrance Spanish. Required of sophomores who have taken 1-2 as freshmen.* MESSRS. OBLETZ AND PIANO.

5-6. ADVANCED SPANISH. Readings in modern Hispanic literature, studied intensively. This course is conducted largely in Spanish and emphasizes the written as well as the oral use of the language. *Prerequisite, 3-4.* MESSRS. OBLETZ AND SCHWARTZ.

7-8. COMPOSITION AND ORAL PRACTICE. A practical course in the language. *Open to those who have elected 5-6. Enrollment limited to twelve students.* MR. SCHWARTZ.

9-10. SPANISH-AMERICAN LITERATURE. A survey course, with special emphasis on the 19th and 20th centuries. Lectures, discus-

* Credit is not given for the first semester alone of any elementary language course.

sions, outside reading, and written reports. *Prerequisite, 5-6. Alternates with 11-12. Enrollment limited.* MR. OBLETZ.

11-12. MAIN CURRENTS OF SPANISH LITERARY GROWTH. A study of selected masterpieces from the Middle Ages to the present. Topics are assigned for report and discussion; papers are read and criticized in the classroom. This course is conducted entirely in Spanish. *Prerequisite, satisfaction of the language requirement. Enrollment limited.* (Not offered in 1950-51.) MR. SCHWARTZ.

HONORS AND PRIZES

Honors and prizes are conferred for general excellence, or for superiority in some special field. To compete for a prize, a student must be in regular standing. Prizes are awarded only to those present to receive them on commencement day, unless excuses for absence have been granted by vote of the Faculty.

Information concerning details of oration and essay competitions may be obtained from members of the Department of Public Speaking.

COMMENCEMENT HONORS

The valedictorian and the salutatorian are the two seniors whose average grades for the course are respectively highest and second highest.

PHI BETA KAPPA

The Hamilton Chapter of Phi Beta Kappa, known as the Epsilon Chapter of New York, was established in 1870. Students are elected to membership primarily for intellectual distinction. In September the chapter may choose not more than five seniors having especially distinguished records during their first three years. Other seniors are elected in April. Except by unanimous consent of the chapter, not more than one-eighth of a class may be chosen, and normally a minimum scholastic average of 85 is required.

DEPARTMENT HONORS

Department honors may be awarded at graduation in the following subjects: Anthropology, Art, Biology, Chemistry, Economics, Education, English Composition, English Literature, Ethics and Religion, French, Geology, German, Greek, History, Latin, Mathematics, Music, Philosophy, Physics, Political Science, Psychology, Public Speaking, Spanish. To receive an honor a student normally must have an average of not less than 90 in

the courses on which the honor is based, but a student whose average is beween 85 and 90 may also receive the honor by special recommendation of the head of the department. The courses required are the same as those required for majors except in the departments of English Composition, English Literature, and Public Speaking. Heads of these departments will supply further information to those interested.

THE ROOT FELLOWSHIP

THE ROOT FELLOWSHIP IN SCIENCE, established in 1894 by the Honorable Elihu Root, of the Class of 1864, is ordinarily granted for a single year of graduate study at some American or European university approved for that purpose in each individual instance by the Faculty. The stipend is $1,000, payable in equal installments in October, February, and May. The payment of each installment is conditioned on the submission to the President by the fellow of satisfactory evidence of the successful progress of his studies. To receive the third installment, the fellow must submit a comprehensive written report, which shall be filed in the college records. At the request of the Faculty, the fellow shall give a lecture or address to the College on a subject appropriate to his work.

The Root Fellow is not allowed to accept any remunerative employment during the college year without permission of the Faculty.

Any member of the senior class of high general standing who has shown marked ability and special aptitude for research in one or more of the departments of science may be nominated to the Faculty for this award by the professors of those departments. From the men thus nominated, the Faculty will select one who shall be recommended to the Trustees for appointment. The election shall be by ballot, and two-thirds of the votes cast shall be necessary for a choice.

If the Faculty finds no suitable candidate in the graduating class of any year, it may recommend to the Trustees that the fellow appointed from the preceding class be continued in the fellowship for a second year, but no longer.

CLASSICAL FELLOWSHIPS

For many years the College has contributed regularly to the support of the American School of Classical Studies at Athens and the School of Classical Studies of the American Academy in Rome. Graduates of the College are thereby entitled to compete for the annual fellowships awarded by these Schools, and to pursue studies at either institution without payment of tuition. The contribution to the School at Athens is provided from the income of an endowment established by the will of the late Professor Edward Fitch, '86; that to the Rome Academy through a grant made by Henry P. Bristol, Lee H. Bristol, and William M. Bristol, Jr., of the Classes of 1910, 1914, and 1917, respectively, in memory of their uncle, Professor George P. Bristol, of the Class of 1876.

PRIZE SCHOLARSHIPS

No student may hold at one time more than one prize scholarship.

THE BENJAMIN WALWORTH ARNOLD PRIZE SCHOLARSHIPS

The Benjamin Walworth Arnold Prize Scholarship Fund of $20,000, given by Mrs. Benjamin Walworth Arnold in memory of her late husband, provides four prize scholarships, of which one is to be given annually to that holder of a regular scholarship in each college class who in the preceding year (or in the first semester in the case of freshmen) shall have made the best record in his college courses.

PRIZE SCHOLARSHIPS OPEN TO JUNIORS

The following four prize scholarships are awarded for excellence in Greek, mathematics, Latin, and German as determined by the work of freshman, sophomore, and junior years and, at the discretion of the department, by a competitive examination at the end of the junior year.

Upon receiving an award the appointee must elect in his senior year at least one advanced course in the department in which the award is made and complete the senior year in this college.

THE CHAUNCEY S. TRUAX PRIZE SCHOLARSHIP IN GREEK, awarded to that senior who shall have stood highest in the Greek work of the first three years with an average grade of not less than 85. Preference will be shown to candidates who entered Hamilton as freshmen with credit in Greek.

THE EDWARD HUNTINGTON MEMORIAL MATHEMATICAL SCHOLARSHIP, founded by Alexander C. Soper, LL.D., of the Class of 1867.

THE ARTHUR W. SOPER LATIN SCHOLARSHIP.

THE DUELL GERMAN SCHOLARSHIP, founded by Hon. Charles Holland Duell, LL.D., of the Class of 1871.

THE CAPTAIN GERALD FITZGERALD DALE SENIOR SCHOLARSHIP. This scholarship is awarded to a senior who has completed his junior year with distinction in literature, language, music, science, or social science and ranks in the top tenth of a class over one hundred in number or in the top quarter of a class of fewer than one hundred, and who needs financial aid. In addition he must have demonstrated his promise for useful citizenship by his character, his standing among his fellows, and his contribution to the extra-curricular life of the College.

PRIZE SCHOLARSHIPS OPEN TO SOPHOMORES

THE OREN ROOT PRIZE SCHOLARSHIPS. Two scholarships are awarded to the two juniors who have the best record in mathematics during the freshman and sophomore years, and continue that subject through the junior year.

THE RENWICK PRIZE SCHOLARSHIP IN BIOLOGY, founded by Edward A. Renwick, A.M., of Chicago, Ill., is awarded to a member of the senior or junior class appointed by the Faculty, for the study of biology during the summer vacation.

THE DR. EDWARD FITCH PRIZE SCHOLARSHIP IN LATIN, founded by E. Root Fitch of the Class of 1886, provides a $100 scholarship to be awarded annually to that sophomore who, at the end of one or two years of Latin, shall have maintained the best record in that subject. To be eligible for the award, the appointee must elect Latin in his junior year.

PRIZE SCHOLARSHIPS OPEN TO FRESHMEN

THE FAYERWEATHER PRIZE SCHOLARSHIPS. Four scholarships of $100 each are awarded to the four sophomores who at the end of freshman year have made the highest averages in their class. The stipends will be credited on the term bills of sophomore year. (See also Brockway Prize.)

THE DR. EDWARD FITCH PRIZE SCHOLARSHIP IN GREEK, founded by E. Root Fitch of the Class of 1886, provides a $100 scholarship to be awarded annually to that freshman who, at the end of one year of Greek, shall have maintained the best record in that subject. To be eligible for the award, the appointee must elect Greek in his sophomore year.

THE E. ROOT FITCH PRIZE SCHOLARSHIP, founded by E. Root Fitch of the Class of 1886, provides a $100 scholarship to be awarded annually to that member of the Hamilton chapter of Delta Upsilon who, having maintained at least a *C* average for two consecutive years, makes in the second of these years the greatest improvement in his scholastic record.

SPECIAL SCHOLARSHIPS

The College offers the following special scholarships for students who need aid and who meet the requirements in each case:

EDWARD S. BABCOCK: Preference to be given to members of the Emerson Literary Society.

GEORGE A. CLARK: For a candidate for the Presbyterian ministry, to be designated by the Pastor and Session of the First Presbyterian Church of Utica.

ELIZABETH R. FITCH: Preference to be given to graduates of the Westmoreland High School.

THE DR. EDWARD FITCH SCHOLARSHIPS IN THE CLASSICAL LANGUAGES, founded by E. Root Fitch of the Class of 1886, are awarded annually to students who are registered for courses in either Greek or Latin (courses in translation not included). The awards are made on the basis of need, scholastic standing, character, and salutary influence on the life of the college.

THE E. ROOT FITCH SCHOLARSHIPS, founded by E. Root Fitch of the Class of 1886, are awarded annually to members of the Hamilton chapter of Delta Upsilon on the basis of need, scholastic standing, character, and salutary influence on the life of the College.

LEAVENWORTH: For a student or students bearing the surname Leavenworth.

ANNIE L. MACKINNON: Preference to be given to a student whose record shows ability and interest in mathematics.

S. B. STEERE: For blood relations of the donor. If none appears, for others, preference to be given to candidates for the ministry.

MARCUS JUDSON: For a student from the Presbyterian Church of Watertown, New York.

GEORGE E. DUNHAM: For graduates of the Utica Free Academy.

A. W. SOPER: For graduates of the Rome Free Academy.

PRIZES

DEAN ALFANGE ESSAY PRIZE. A foundation of $2,500 by Dean Alfange, of the Class of 1922, provides a prize for the student writing the best essay on a subject dealing with the growth and development of American Constitutional Government.

BABCOCK PRIZE IN PHILOSOPHY AND PEDAGOGY. A foundation of $2,000 by Edward S. Babcock, of the Class of 1896, provides a prize for that senior who shall have excelled "in philosophy, and particularly in the science of pedagogy."

BROCKWAY PRIZE. A foundation established by A. Norton Brockway, M.D., of the Class of 1857, provides a prize of $25 annually

which is awarded to that Fayerweather scholar who has made the best record in the courses of freshman year.

CLARK PRIZE ORATION. A foundation of $1,000, begun by Aaron Clark, A.M., and increased by Henry A. Clark, of the Class of 1838, provides a prize for that senior who is adjudged to be the best speaker in the annual oratorical contest.

COBB ESSAY PRIZE. A foundation of $500 by Willard A. Cobb, of the Class of 1864, provides a prize for the student submitting the best essay on journalism.

CUNNINGHAM ESSAY PRIZE. A foundation of $500 by John Howard Cunningham, of the Class of 1866, provides a prize for the senior submitting the best essay on some phase of the life of Abraham Lincoln.

CURRAN PRIZE IN GREEK AND LATIN. A foundation of $700 by relatives of Col. Henry H. Curran, of the Class of 1862, provides a prize in Greek and Latin, offered to juniors. The award is determined by written examinations in Greek and Latin. The competition in a given year is based upon Greek 5-6, 7-8, or 9-10, and upon Latin 5-6, or 7-8.

NELSON CLARK DALE, JR., PRIZE IN MUSIC. A foundation in memory of Captain Nelson Clark Dale, Jr., U.S.M.C.R., of the Class of 1942, established by his parents, provides a prize for that student who has shown exceptional ability in music as composer, interpreter, or leader, or who has contributed most to the musical life of the College. All students in good standing are eligible for this prize. The Committee of Award shall consist of members of the Department of Music and a suitable senior to be selected by the Department.

DARLING PRIZE IN AMERICAN HISTORY. A foundation by Charles W. Darling, supplemented by a friend of the College, provides a prize for the senior having the most distinguished record in at least two courses in American history offered to his class.

GOLDING ESSAY PRIZE. A grant of $200, to be made annually by Dean Alfange, of the Class 1922, in memory of the late Major

Arnold H. Golding, a graduate of Dartmouth College killed in the war, provides a prize "for the best paper dealing with the promotion of racial and religious understanding in the United States."

HAWLEY PRIZES IN GREEK AND LATIN. A foundation of $500 by Martin Hawley, of the Class of 1851, provides two book prizes, equal in value, one for excellence in Greek, and one for excellence in Latin. The awards are made to the students who have the best records in Greek 3-4 and Latin 3-4, respectively.

HEAD PRIZE ORATION. A foundation of $1,000 by Franklin H. Head, LL.D., of the Class of 1856, provides a prize for the senior writing the best oration upon a theme relating to Alexander Hamilton.

HOLBROOK PRIZE IN BIOLOGY. A foundation of $1,000 by David A. Holbrook, of the Class of 1844, provides a prize for the senior having the best record in three year-courses in biology.

HUTTON ESSAY PRIZE. A foundation of $500 by William Hutton, D.D., of the Class of 1864, provides a prize for the sophomore submitting the best essay on an assigned subject in the history, translations, or literature of the Bible.

KELLOGG ESSAY PRIZES. A foundation of $700 by Charles C. Kellogg, of the Class of 1849, provides book prizes for one junior, one sophomore, and one freshman who excel in English essays.

KIRKLAND PRIZE ORATION. A foundation of $500 by Mrs. A. R. Kirkland provides a prize for the senior writing the best oration upon a theme in biblical science.

KNEELAND PRIZE. A foundation of $1,000 by the Rev. Martin Dwelle Kneeland, D.D., of the Class of 1869, provides a prize for the student who has the best record when his grades in a year-course on the Bible and in an essay competition on an assigned biblical subject are combined.

MCKINNEY PRIZE DEBATE. A foundation of $1,500 by Charles McKinney provides two prizes for seniors excelling in extemporaneous debate.

McKinney Prize Speaking. A foundation of $700 by Charles McKinney provides book prizes for the two men in each of the three lower classes who excel in public speaking.

Four contestants are annually chosen from each of these classes upon the basis of their record in speaking up to the time of appointment. Juniors speak impromptu; sophomores give extempore speeches; and freshmen present memorized declamations. The competition is held in the College Chapel on the evening of the third Wednesday in May.

James Soper Merrill Prize. Through the generosity of James P. Soper, Jr., of the Class of 1911, a gold watch, known as the James Soper Merrill Prize, is awarded at commencement time to that member of the graduating class "who, in character and influence, has best typified the highest ideals of the College." The Faculty shall select the recipient of this award.

Norton Foundation. Thomas Herbert Norton, Ph.D., Sc.D., of the Class of 1873, has provided a foundation of $950 for the encouragement of research in chemistry, the sum to be increased in subsequent years. It is prescribed that the income in each year shall be given as a prize to that undergraduate or graduate student in the College who shall have demonstrated the greatest capacity for research in chemistry. In any year when no prize is awarded the income shall be devoted to the purchase of works of reference for the Department of Chemistry.

Pruyn Prize Oration. A foundation of $500, by former Chancellor John Van Schaick Lansing Pruyn of the University of the State of New York, given on August 5, 1863, has provided for the award annually of the so-called Pruyn Medal. Under a revision of its terms, as approved by his heirs on October 26, 1933, a money prize is offered in alternate years for the senior or junior writing the best oration on "The Political Duties of Educated Young Men."

The prize is available for 1952 and alternate years thereafter.

Putnam Prize in American History. The gift of Dr. Frederick W. Putnam of Binghamton, supplemented by a friend of the College, provides a prize of books for the senior having the second

most distinguished record in at least two courses in American history offered to his class.

ROGERS PRIZE IN GEOLOGY. A foundation of $1,250 by E. Albert Rogers, of the Class of 1898, provides a prize for that senior having a major in geology who shall have made the best record in the courses he has taken in that department.

WILLIAM DUNCAN SAUNDERS PRIZE IN ENGLISH WRITING. A prize of $200, in memory of William Duncan Saunders, of the Class of 1925, offered by Mrs. Edward Wales Root and the late Alexander Woollcott, L.H.D., of the Class of 1909, is awarded for the best piece of student writing either submitted in manuscript or published since the last award.

Competition is open to all students. Papers are to be left at the President's office before noon on June 1. Professor Robert Barnes Rudd is the chairman of the committee of award and will nominate the other members, the majority of whom are to be from the Faculty of the College.

SOPER PRIZE THESIS. A foundation of $1,500 by Arthur W. Soper provides a prize for the best thesis on a topic in economics assigned by the Faculty.

The competition is open to all seniors who are taking a second or third year-course in economics. The thesis subject for each class is announced toward the end of the junior year. Theses are not limited as to length. They must be left at the President's office before noon of the Saturday following the spring recess. They are judged by a committee chosen by the Faculty from outside its membership.

SOUTHWORTH PRIZE IN PHYSICS. A foundation of $500 by Tertius D. Southworth, of the Class of 1827, provides a prize for the senior who excels in physics.

SQUIRES PRIZE IN PHILOSOPHY. A foundation of $2,000 by Byron B. Taggart, of the Class of 1896, in honor of the late William Harder Squires, PH.D., of the Class of 1888, provides a prize to be awarded annually, with the approval of the Faculty, to that senior who shall have the highest grade when the marks in three

year-courses in philosophy and a special examination designed for the purpose are combined.

TOMPKINS PRIZES IN MATHEMATICS. A foundation of $3,200 by Hamilton B. Tompkins, A.M., of the Class of 1865, provides two prizes for juniors who excel in mathematics. The award is made upon the basis of an examination near the close of junior year, involving the work in Mathematics 1-2, 3-4, and 5-6.

UNDERWOOD PRIZE IN CHEMISTRY. A foundation of $3,000, begun by George Underwood, of the Class of 1838, and increased by J. Platt Underwood, of the Class of 1870, provides a prize for the senior who excels in chemistry.

VROOMAN PRIZE. Through the generosity of John W. Vrooman, LL.D., a foundation of $1,000 provides a prize to be awarded to that freshman who shall have passed the best admission examination on some portion of the Greek New Testament.

WINCHELL PRIZE IN GREEK. A foundation of $1,000 by Walter B. Winchell, M.D., of the Class of 1880, provides a prize to be awarded annually, with the approval of the Faculty, to the student who, beginning Greek in college, shall have the best record in three year-courses in this language.

WINSLOW PRIZE IN GREEK. A foundation of $2,000 by the Reverend William Copley Winslow, D.D., of the Class of 1862, provides a prize to be awarded annually to a member of the sophomore class attaining the greatest proficiency in Greek for the year.

WINSLOW PRIZE IN LATIN. A foundation of $2,000 by the Reverend William Copley Winslow, D.D., of the Class of 1862, provides a prize to be awarded annually to a member of the freshman class attaining the greatest proficiency in Latin for the year.

WINSLOW PRIZE IN ROMANCE LANGUAGES. A foundation of $2,000 by the Reverend William Copley Winslow, D.D., of the Class of 1862, provides a prize to be awarded annually to a member of the junior class attaining the greatest proficiency in Romance languages during his college course.

STUDENT ORGANIZATIONS

THE STUDENT COUNCIL

The student life of the College is under the management and direction of the student body. A Student Council of nine members, on which all four classes are represented, serves as a governing board of student affairs, and meets regularly to conduct its business within the statutes established by the Board of Trustees and the Faculty.

THE HONOR SYSTEM

The examinations of the College are conducted under the Honor System, without proctors. Each student is on his honor not to give or receive aid. The administration of the system is in the hands of the Honor Court, composed of representatives of the four classes. The Court investigates all cases brought to its attention and makes recommendations to the Faculty. The use of the Library and written work in courses in English composition and public speaking are also included under the Honor System. During their induction period all freshmen sign an Honor System Pledge Card signifying their understanding and acceptance of the Honor System.

ATHLETICS

INTERCOLLEGIATE TEAMS. The recognized intercollegiate sports are football, soccer, cross-country, basketball, ice hockey, skiing, swimming, track, baseball, golf, and tennis. In each sport the College competes with other colleges within its own class.

INTRAMURAL SPORTS. Interclass and interfraternity competition is normally held in touch football, basketball, ice hockey, track, playground ball, golf, and tennis. A student Intramural Council, with the advice of the Director of Athletics, is given full responsibility for the conduct and scope of intramural athletics.

DRAMATICS

The Charlatans, the college dramatic society, membership in which is open to all students having dramatic ability, was organ-

ized in 1909 by a group of students headed by Robert Barnes Rudd and the late Alexander Woollcott. It usually produces several plays each year. Some of its recent productions have been *Winterset, Emperor Jones, Waiting for Lefty, Journey's End, Yellow Jack, Charley's Aunt, Oedipus Rex, Saint Joan, The Play's the Thing,* and various Shakespearean productions.

The College also offers a course in Dramatic Interpretation; see Public Speaking 19-20.

DEBATING

Each year students participate in numerous intercollegiate debates on a variety of subjects. Much attention has been given in recent years to extension debates and panel discussions delivered before clubs and organizations in central New York. The facilities of four nearby radio stations are available for occasional radio broadcasts. Several Hamilton students participate in the annual state intercollegiate debate assembly. Since 1922 Hamilton College has had a chapter of Delta Sigma Rho, the national honorary forensic fraternity. This organization fosters symposium discussions and radio debating.

PUBLICATIONS

All student publications are managed by HAMILTON COLLEGE STUDENT PUBLICATIONS, an organization chartered by the Board of Trustees consisting of ten directors—five students and five members of the administrative staff and faculty. The president of the board is always a student. The directors are responsible for the editorial policy of all publications, for the adjudication of editorial problems, and for financial management. All business matters are centered in the hands of one student business manager. The Student Publications Fee (see page 84) entitles all students to receive all publications.

The student publications include *The Spectator,* a weekly newspaper, *The Continental,* a literary magazine, and *The Hamiltonian,* an annual. For outstanding work on college publications, students may be elected to the local chapter of Pi Delta Epsilon, the national honorary journalistic fraternity.

A College Press Board provides an opportunity for students interested in journalism to gain both practical experience and re-

muneration by serving as correspondents for newspapers published in neighboring cities. Membership on this Board counts toward election to Pi Delta Epsilon.

INTERNATIONAL RELATIONS CLUB

The International Relations Club is an undergraduate organization, with student officers and a faculty adviser, whose purpose is to stimulate and plan student discussions on contemporary international issues. The Club meets twice a month and sponsors lectures and informal discussions conducted by the student members. It sends a delegation to the annual meeting of the Model United Nations.

MUSIC

The College Choir is an undergraduate chorus which devotes itself to the singing of the highest type of choral music. The reputation of the Choir is national. In the years just before the war it gave a recital in New York annually during its spring tour, and also broadcast from New York on a coast-to-coast network. All students in regular standing have an opportunity to compete for admission to the Choir. Ability to sing is the sole requirement; previous experience is helpful but not necessary. (See Music 3-4.)

The Hamilton College Singing Trophy is awarded annually on the basis of an interclass competition usually held one evening in May.

The College Band was organized in 1932 and before the war numbered about forty-five. It is under the general direction and control of the Department of Music. Membership is open to any student who can play a band instrument. The Band plays at athletic contests and at Commencement and gives occasional concerts.

The Glee Club is an informal undergraduate organization of thirty-five members joined together for good fellowship and the fun of singing. It confines its activities to the campus. Rehearsals are held weekly. The Club sings for various college functions, and gives a concert in the spring. Membership is open to the three upper classes and to freshmen at the beginning of the second semester. Its activities and direction are under the jurisdiction of the Department of Music.

DEPARTMENTAL CLUBS

Several study clubs, directed by members of the departments concerned, meet from time to time to discuss topics related to their fields of interest.

FRATERNITIES

The following fraternities are active at Hamilton: Sigma Phi (1831)*, Alpha Delta Phi (1832), Psi Upsilon (1843), Chi Psi (1845), Delta Upsilon (1847), Delta Kappa Epsilon (1856), Theta Delta Chi (1868), Emerson Literary Society (1882), Lambda Chi Alpha (1924), Tau Kappa Epsilon (1930), and Delta Phi (1950).

THE SQUIRES CLUB

Early in 1939 the non-fraternity students at Hamilton organized themselves as a social unit known as the Squires Club. Headquarters for this organization have been provided by the College in the recently remodeled Squires House. The Club has shown great vigor and has arranged for its members dances, bridge and ping pong tournaments, intramural teams, and numerous other activities. Every student who is not a member of a fraternity is eligible to membership in the Squires Club upon the payment of nominal dues.

HONOR SOCIETIES

Each of the three upper classes has also an honorary society, for which selections are usually made in the spring.

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* Date of establishment at Hamilton.

FINANCES

RESOURCES OF THE COLLEGE

The financial resources of the College at the end of the academic year 1948-49 totaled $8,082,516.85 allocated as follows:

College Property and Buildings	$2,912,602.83
Endowment Funds	4,654,312.67
Current General Funds	398,043.05
Unrestricted and Loan Funds	117,558.30

EXPENSES

To estimate accurately what it will cost a student to attend college is in present circumstances difficult. The uncertainty that envelops all costs renders it impossible for the College to set now a scale of fees that is intended to be permanent. The schedule of fees and deposits that follows will be in effect for the academic year 1950-51. These charges will be reviewed before the next academic year, and a new scale for 1951-52, with necessary changes, will be announced in due time.

APPLICATION FEE AND REGISTRATION DEPOSIT

An application fee of five dollars (not returnable) must accompany each application for admission.

A pre-registration deposit of fifty dollars (not returnable) is required of all candidates for admission within fifteen days after the receipt of formal notice of acceptance. This fee is credited on the first semester's bill. The deposit for returning men is twenty-five dollars, payable before an appointed day in May. It also is not returnable.

FIXED FEES:

For students who matriculated before September 1, 1948

Tuition	$250.00	per semester
Overelection fee	13.75	" credit hour
Underelection fee (less than 12 credit hours), in lieu of regular tuition fee	17.50	" " "

For students who matriculated after September 1, 1948

Tuition	300.00	per semester
Overelection fee	16.50	" credit hour
Underelection fee (less than 12 credit hours) in lieu of regular tuition fee	21.00	" " "

For all students

*Room	87.50	per semester
†Board (at Commons)	13.00	" week
**Accident Insurance (optional)	12.00	" calendar year
††Infirmary fee	11.75	" semester
Student Activities fee	9.50	" "
Publications fee	4.50	" "
Graduation fee	10.00	" "

VARIABLE FEES:

In addition to the fixed fees listed above, a student may be subject to any of the following fees, according to his choice of courses and other opportunities mentioned:

Music practice room fee	$7.50	per semester
Record Library fee	4.00	" "
Laboratory fees (see the several courses)		

* This is room rent in a college dormitory. Room rent in a fraternity house varies and is decided by each fraternity.

† The rate, because of the fluctuation of food prices, is set only for the first semester, September 16, 1950, to January 31, 1951. The cost for the second semester is subject to change in the light of experience. Board in fraternity houses is set by each house.

** The College sponsors a group accident insurance policy with the Indemnity Company of North America. The policy covers hospital and doctor's care to the amount of $500 for any insured student who suffers an accident during the calendar year from September 15, 1950, to September 14, 1951. The cost is twelve dollars a year payable in full with the fall semester's bill. The insurance is optional with each student, but if he does not desire this coverage, he must notify the Controller's office of his decision by signing a form at the time of registration.

†† See page 21.

A deposit of $10.00 a semester is required of each student to cover incidental charges such as laboratory breakage, dispensary treatment at the Infirmary, and library fines. This sum is added to the semester bill. Any unused balance is either credited on the bill for the next semester or returned to the student. For students taking Chemistry 5-6 or 9-10 this deposit is $25.00 a semester.

All bills for the fall semester are due and payable on November 10. All bills for the spring semester are due and payable on March 15. Any student whose bill is not paid in full on November 10 and March 15 will be excluded from classes until this bill is paid and is subject to a $5.00 penalty charge, except as is provided in the next paragraph.

If a student or parent of a student is unable to pay the bill in full on the date set, he must make arrangements with the Controller's office on or before November 10 or March 15 to pay the bill in three equal installments on November 10, December 10, and January 10 for the fall bill, or March 15, April 15, and May 15 for the spring bill. If there is a delinquency in the payment of any of the installments the penalties mentioned above will apply in each instance.

If a student enters late, is absent under discipline, withdraws, or is dropped, his board bill is prorated if he takes his meals at Commons; no other rebate is granted him. No student whose college bills are unpaid may receive a degree or honorable dismissal, or a transcript of his record.

STUDENT EMPLOYMENT

The College and community offer opportunities for part-time employment to more than one-third of the student body. Individual earnings range from a few dollars to several hundreds, according to the kind of work done. The fraternity houses on the campus provide jobs which afford board or room for from five to ten men each. All other employment is handled by the office of the Secretary of Admissions.

SCHOLARSHIPS

Three kinds of scholarships are available to deserving and properly qualified students: prize scholarships, special scholarships, and general scholarships.

Prize scholarships, described on pages 70-71, are competitive and are awarded to students in recognition of outstanding achievement. A number of scholarship foundations, established by alumni and friends of the College, support them. No student may hold at one time more than one prize scholarship. Special scholarships are listed on pages 71 and 72.

General scholarships exist for those who cannot meet the cost of a college education without aid, and should not be sought by others.

These scholarships are supported in part by the income from more than fifty scholarship foundations listed on page 87, and in part by the general funds of the College. They are awarded on the basis of need, scholastic standing, character, and salutary influence in the life of the College. In accepting the assistance of a scholarship, the holder is expected to consider himself pledged to perform all his college duties creditably, to maintain a high standard of deportment, and to exercise strict economy.

The following regulations also apply:

1. All applications for scholarships must be filed with the Committee on Financial Aid, on a form provided for the purpose.
2. Stipends range in amount from $100 to $500*, depending on the student's scholastic record and need, and are credited against term bills, one-half in each semester.
3. A scholarship is awarded for a single semester but will automatically be renewed for the second semester of a college year if the conditions for retaining a scholarship are met. After two semesters a new application must be filed.
4. To retain a scholarship a student must have a C average at the end of a semester.
5. Students under academic or social censure are not eligible for scholarships, and if such censure follows the granting of a scholarship, the scholarship is withdrawn.
6. A special or general scholarship may not be held in addition to a prize scholarship, but it may be awarded in part to supplement it.

* For students matriculating after September 1, 1948, the maximum is $600.

7. Consideration of an application for scholarship aid cannot be given until the candidate has made application for admission to the College. The granting of admission in no way guarantees the granting of a scholarship.

The University of the State of New York provides in each assembly district ten competitive University scholarships, based upon the results of a comprehensive examination given by the State Education Department each year, and yielding $350 annually for four years. Successful competitors may enter any approved college within the State. The winning of a State scholarship does not prevent a student from being granted a Hamilton College special or general scholarship.

SCHOLARSHIP FOUNDATIONS

As of June 30, 1950

ANONYMOUS, $2,500
EDWARD S. BABCOCK, $41,305
H. ROSWELL BATES, $6,000
by Lt. Col. William A. Aiken
EDWIN BAYLIES, $5,000
BEMENT, $2,020
by Albert C. Phillips
MRS. JAMES L. BRADLEY, $2,000
O. T. BUNDY, $2,000
WILLIAM BURTON, $1,500
ANDREW CARNEGIE, $57,500
LAURA CARTER, $12,000
GEORGE A. CLARK (BYNE), $5,000
CLASS OF 1867, $2,005
CLASS OF 1899, $2,516
CLASS OF 1909, $3,650
P. CHARLES COLE, $1,000
MELVILLE EMORY DAYTON MEMORIAL, $8,000
WILLIAM E. DODGE, $5,000
CHARLES HOLLAND DUELL, $10,500
GEORGE E. DUNHAM, $36,000
ETHEL KELSEY EVANS, $4,396
H. P. FERGUSON, $2,464
ELIZABETH R. FITCH, $26,335
ROSWELL P. FLOWER, $2,000
ALEXANDER FOLSOM, $2,000
GENEVA PRESBYTERY, $1,700
CHARLES D. GILFILLAN, $2,500
A. DELOS GRIDLEY, $5,000
DAVID S. HASTINGS, $14,044
THEODORE S. HUBBARD, $3,500
D. WILLIS JAMES, $2,000
SAMUEL H. JARDIN, $4,000
MARCUS JUDSON, $1,000
HENRY W. KING, $2,000
JOHN J. KNOX, $1,500
LEAVENWORTH, $14,774
JULIA J. MACCARTEE, $9,525
(Darling Memorial)
ANNIE L. MACKINNON, $5,000
by Edward Fitch
MARQUAND, $4,000
by Alanson Trask
CHARLES G. MATTESON MEMORIAL, $1,020
HENRY SCOTT MCCALL, $1,000
NICHOLS, $748
by Erastus N. Nichols
OREN ROOT, $10,000
CHARLOTTE B. SACKETT MEMORIAL, $10,569
C. C. SHEPPARD, $1,500
HORACE B. SILLIMAN, $3,000
A. W. SOPER, $10,000
JAMES P. SOPER, $2,000
S. B. STEERE, $10,000
JOHN ROGERS TERRETT MEMORIAL, $2,000
by A. P. Sloan
J. PLATT UNDERWOOD, $5,125
WALCOTT AND PETTIBONE, $9,500
HENRY WALES, $2,982
J. B. WELLS, $2,000
SYLVESTER WILLARD MEMORIAL, $2,000
by Mrs. S. Willard
LEROY WILLIAMS, $142,959

In addition, one scholarship of $600 is financed by annual contributions from the Hamilton College Association of New York City.

DEGREES AND AWARDS
1949-50

DEGREES IN COURSE

Bachelor of Arts

George Robert Ackerman
Dean Alfange, Jr.
Benjamin Daniel Allen, ΦBK
Walter Joshua Alprin
Franklyn Henry Ashby, Jr.
Clair Parkhill Babcock
Charles Coville Bailey
Edward Morris Bakwin
Dana Kimball Ball, ΦBK
David Robert Bannatyne
Christopher Keeney Beebe III
Myron Beldock
James Richardson Belford
Frederic Alling Binder
Donald Charles Birkby
Robert Strawn Bloomer, Jr.
Thomas Bernard Bradley, Jr., ΦBK
Erdmann Ellis Brandt
Romine Wilder Brooks
Robert Ferguson Brown
Robert Voelker Brown
Douglas Stanton Bull
Gordon William Burton
William Allen Bush
Douglas Austin Bushy
Donald Spencer Carter
Richard Charles Caspar
Francis Chanatry
Richard Cargill Cole, ΦBK
Harold Edward Coleman
James Lincoln Collier
Bernard François Combemale
Robert Clayton Conklin
Joseph Samuel Conte
William Miller Cooper, Jr.
Crossan Hays Curry
Charles Eldon Davis
Robert Bigelow De Maine
Hal Frank Doig, Jr.
Donald Bruce Dolan
Edward Vincent Donohue
Robert Arnold Downing
Murray Drabkin, ΦBK
John Francis Drews, Jr.
Richard Berryman Ellis III
Alfred Herbert Elsesser
Philip Lloyd Evans
Helmut George Feichtinger
John Louis Fell, ΦBK
Matthew Charles Finn, Jr.
Alexander Smith Flesh
Donald Whitney Freudenberger
Frisbee Jared Fuller, ΦBK
Douglas Aubrey Fulton
Donald Murray Gardner, ΦBK
Albert Alton Getman, Jr.
Donald Campbell Gingras
Berl Benjamin Goldfuss, ΦBK
Robert Millard Gow
Charles Allen Gowen
Charles Harrison Graf
Gabriel Gregoratos
Thomas Devereux Gregory

Richard Alan Grimley
Mark David Hagerman
Walter Edward Haggerty, Jr.
William Hately Hampton, Jr.
Daniel Oren Hastings III
Edwin Raymond Hayden
David Bruce Hayter
Donald Read Heath, Jr.
Charles Carroll Hemenway II
Donald Edward Hilfinger
Robert Newcomb Hilfinger
William Lawyer Hinds II
Paul Douglas Horsman
Donald James Jacobsen
Frederick Albert Jobe
Robert Irwin Kirk
Arnold Klein
Brooks Van Slyke Klostermyer
Charles Whittemore Knapp, Jr.
Quentin Frederick Knauer, ΦBK
Robert James Krompart
Paul Steven Langa
Edwin Kentish Langdon, Jr.
Aetius Randolph Lawrence
Ian Patrick Lee
Arnold Morton Lerman, ΦBK
Warren Donald Levin, ΦBK
Theodore William Lewis, ΦBK
Donald McCord Lynn, Jr.
John Blakeslee Lyon, Jr.
Robertson Mackay
William Bush Mackenzie
Nathaniel Mann III
John Thomas Mapletoft
Robert Joseph Markel
John Dolph Mayes
George Davry Maynard
Frederick Walter McGarity
Stuart Argyle McKeldin
Robert Allan Messenger
Joseph Arthur Mullen
George Foote Murphy
Raymond Allan Murray
Francis Haas Musselman
Manuel Davett Nadal, Jr.
Robert McCormick Neiswanger, Jr.
Walter Patrick O'Connor
Frederick Bruce Olsen
John Philip O'Rourke
Charles Victor Paganelli, Jr., ΦBK
William Noble Page, Jr.
Donald Alfred Parr
John Robert Payne
Frederic Robert Pilch
Harold Francis Pohl
David Thomas Porter
Orlando Bronson Potter
Robert Harold Price, ΦBK
Paul King Randall, Jr.
Samuel Johnson Reeder
Charles Francis Rice
Ned Earl Richardson
George Edward Ridge
Jack Burdette Riffle
Bradley House Roberts
Francis Eugene Romano
Don Roscher
John Frederick Russell
Robert Warren Schaaf, ΦBK
Harry Richard Seymour
John Harry Seymour, ΦBK
Harvey Shriber
Robert Brayton Siegel
Ernest Angell Smith, ΦBK
Peter Smith
James Albert Sontheimer

Jerome Aaron Steiner
Mallory Stephens
Donald Sherwood Stone
William Robert Sullivan
John Hays Talley
William McCombs Tank
John Jay Thayer
Sydney Gilmer Towell, ΦBK
Richard Keene Troxell, ΦBK
Reynold Bruner Tucker, Jr.
Morgan Platt Underwood, Jr.
Joseph Atkinson von Hake
William Janes von Thurn
John Sanford Warren
David Andrew Webster, Jr.
Keith Sears Wellin
Lawrence Herrell Wilson
William Wilson
Robert Atkins Witbeck
James Madison Wood
Daniel Isaac Yale
Donald Dusouchet Young

HONORARY DEGREES

Doctor of Divinity
Joel DuBois Hunter

Doctor of Science
Harla Ray Eggleston

Doctor of Letters
Joseph Darling Ibbotson

Doctor of Laws
Earl Charles Bastow
Charles Dollard
Fred Henry Haggerson
Lawrence Adolph Steinhardt, Posthumously
Leroy August Wilson
The Right Honorable Lord Woolton, C. H.

HONORS

Scholarship Honors for the Course
Class of 1950

HIGH HONOR*

ARNOLD MORTON LERMAN, *Valedictorian*
ROBERT WARREN SCHAAF, *Salutatorian*
DANA KIMBALL BALL
QUENTIN FREDERICK KNAUER

* High Honor=90 or above; Honor=below 90 but not lower than 85; Credit=below 85 but not lower than 80.

HAMILTON COLLEGE

THEODORE WILLIAM LEWIS
CHARLES VICTOR PAGANELLI, JR.
ROBERT HAROLD PRICE
RICHARD KEENE TROXELL

HONOR

Benjamin Daniel Allen
James Richardson Belford
Thomas Bernard Bradley, Jr.
Francis Chanatry
Richard Cargill Cole
Harold Edward Coleman
Murray Drabkin
John Louis Fell
Frisbee Jared Fuller
Donald Murray Gardner
Berl Benjamin Goldfuss
Robert James Krompart
Warren Donald Levin
John Harry Seymour
Ernest Angell Smith
Sydney Gilmer Towell
William Wilson

CREDIT

Dean Alfange, Jr.
Franklyn Henry Ashby, Jr.
Clair Parkhill Babcock
Myron Beldock
Frederic Alling Binder
Robert Strawn Bloomer, Jr.
Robert Ferguson Brown
Douglas Stanton Bull
William Allen Bush
Richard Charles Casper
Joseph Samuel Conte
Charles Eldon Davis
Robert Bigelow De Maine
Alfred Herbert Elsesser
Philip Lloyd Evans
Matthew Charles Finn, Jr.
Alexander Smith Flesh
Charles Allan Gowen
Charles Harrison Graf
Gabriel Gregoratos
Thomas Devereux Gregory
Mark David Hagerman
William Hately Hampton, Jr.
Edwin Raymond Hayden
Donald James Jacobsen
Brooks Van Slyke Klostermyer
Aetius Randolph Lawrence
Nathaniel Mann III
George Davry Maynard
Frederick Walter McGarity
Francis Haas Musselman
Walter Patrick O'Connor
Frederic Bruce Olsen
John Philip O'Rourke
William Noble Page, Jr.
John Robert Payne
Frederic Robert Pilch
Harold Francis Pohl

Orlando Bronson Potter
Charles Francis Rice
Ned Earl Richardson
Jerome Aaron Steiner
Donald Sherwood Stone
James Madison Wood
Daniel Isaac Yale

ELECTIONS TO PHI BETA KAPPA

Autumn, 1949

Quentin Frederick Knauer
Arnold Morton Lerman
Theodore William Lewis
Charles Victor Paganelli, Jr.
Robert Warren Schaaf
Richard Keene Troxell

Spring, 1950

Benjamin Daniel Allen
Dana Kimball Ball
Thomas Bernard Bradley, Jr.
Richard Cargill Cole
Murray Drabkin
John Louis Fell
Frisbee Jared Fuller
Donald Murray Gardner
Berl Benjamin Goldfuss
Warren Donald Levin
Robert Harold Price
John Harry Seymour
Ernest Angell Smith
Sidney Gilmer Towell

DEPARTMENT HONORS

Anthropology: John Louis Fell, Richard Keene Troxell

Art: Crossan Hays Curry, Robert Bigelow DeMaine, Arnold Klein

Biology: Thomas Bernard Bradley, Jr., Francis Chanatry, Berl Benjamin Goldfuss, Charles Harrison Graf

Chemistry: Robert Strawn Bloomer, Jr., Thomas Bernard Bradley, Jr., Harold Edward Coleman, Donald Murray Gardner, Quentin Frederick Knauer, Aetius Randolph Lawrence, Charles Victor Paganelli, Jr., Daniel Isaac Yale

Economics: Frisbee Jared Fuller, Arnold Morton Lerman, Warren Donald Levin, Robert Warren Schaaf, Sydney Gilmer Towell

Education: William Wilson

English Literature: Frederick Walter McGarity

French: William Allen Bush, Warren Donald Levin, Robert Harold Price

Geology: Donald Sherwood Stone

German: Mark David Hagerman, Nathaniel Mann III, Richard Keene Troxell

Greek: Theodore William Lewis, John Harry Seymour

History: Benjamin Daniel Allen, Richard Cargill Cole, Murray Drabkin, Frederic Robert Pilch, Robert Warren Schaaf, Sydney Gilmer Towell

Latin: Theodore William Lewis, John Harry Seymour

Mathematics: James Richardson Belford, Charles Victor Paganelli, Jr.

Music: Richard Charles Caspar, Richard Berryman Ellis III

Philosophy: Richard Cargill Cole, Albert Herbert Elsesser, Berl Benjamin Goldfuss, Arnold Morton Lerman, Frederick Bruce Olsen, Robert Harold Price, Ernest Angell Smith, Richard Keene Troxell

Physics: Robert Strawn Bloomer, Jr., Donald Murray Gardner, Charles Victor Paganelli, Jr.

Political Science: Benjamin Daniel Allen, Dana Kimball Ball, Christopher Keeney Beebe III, Murray Drabkin, Frisbee Jared Fuller, Arnold Morton Lerman, Warren Donald Levin, Robert Warren Schaaf

Psychology: Thomas Devereux Gregory, Robert James Krompart, Ernest Angell Smith

Public Speaking: Murray Drabkin, Arnold Morton Lerman, Robert McCormick Neiswanger, Jr., Richard Keene Troxell

Spanish: Arnold Morton Lerman

SCHOLARSHIP HONORS

For the Year 1949-50

SENIOR CLASS

HIGH HONOR: Messrs. Ball, Bradley, Drabkin, Goldfuss, Lerman, Lewis, Paganelli, Price, Schaaf, Towell, Troxell, Tuesday.

HONOR: Messrs. Alfange, Allen, B. D., Beldock, Belford, Cole, Davis, DeMaine, Ellis, Fell, Freiberg, Fuller, Gardner, Gowen, Graf, Gregory, Hemenway, Hinds, Jobe, Klostermyer, Knauer, Krompart, McGarity, Richardson, Seymour, J. H., Smith, E. A., Stone.

CREDIT: Messrs. Ashby, Babcock, Bates, Bloomer, Brooks, Bush, Caspar, Coleman, Conklin, Conte, Content, Cooper, Curry, Doig, Dolan, Downing, Drews, Elsesser, Evans, Feichtinger, Gillespie, Grimley, Hagerman, Hampton, Hayden, Heath, Jacobson, Langdon, Leonhardt, Lyon, Mackay, Mann, Mapletoft, Maynard, Neiswanger, O'Connor, Olsen, O'Rourke, Page, Payne, Pilch, Pohl, Purcell, Rice, Riffle, Siegel, Sontheimer, Steiner, Stephens, Tank, Thayer, Tillman, von Thurn, Webster, Wilson, W., Witbeck, Yale.

JUNIOR CLASS

HIGH HONOR: Messrs. Kaplowitt, Ring.

HONOR: Messrs. Barcay, Blanchard, Blitz, Bowen, Byrne, Derby, Doran, Griffith, Huff, Hutchison, Kaufmann, Manz, Palmer, Pollock, Runge, Stucki, VerNooy.

CREDIT: Messrs. Aitchison, Babcock, Baldwin, Bennett, Bishop, Bloomer, Brown, Crump, Davis, Emery, Fairchild, Hanmer, Hickman, Howell, Huffman, King, E. L., Levey, Lord, Maas, Matzinger, McCarty, Meehan, Menges, Merritt, Milford, Miller, C. L., Miller, F. M., Ohannessian, Oster, Paine, Pohl, Shultz, Sweany, Tuthill, Whitcombe.

SOPHOMORE CLASS

HIGH HONOR: Messrs. Franken, Hull, Katz, Keeler, Robinson, P. E., Wehmeyer, Whitstock.

HONOR: Messrs. Brown, Curry, Davis, J. S., Fry, Gulick, Hogan, R. A., Leistyna, Maycock, Otten, Ouderkirk, Retan, Robinson, S. W., Schottenfeld, Schwarz, Sidway, Weston.

CREDIT: Messrs. Bagwill, Boyajy, Bridges, Brownfield, Cornelius, Egner, Frisbie, Jacobus, Kelso, Love, H.H., MacAffer, Mullett, Murray, Nye, Reach, Rouillard, Schmidt, Singer, Smith, Stephens, Volmer, Waite, Zellner.

FRESHMAN CLASS

HIGH HONOR: Messrs. Bates, Levy, C. S., Ring, Wallen.

HONOR: Messrs. Barratt, Brink, Chute, Constable, Droppers, Elias, Friedbauer, Gesner, Grant, Gray, Harlan, Hastings, F. B., Morris, Paganelli, Peterson, Schoenstein, Tappan, Webster.

CREDIT: Messrs. Abrahams, Badgley, Beckwith, Contiguglia, L. P., Fleissner, Griffin, Hansen, Hastings, D. B., Hyde, Josell, Kopple, Merrick, Patton, Payne, Perlstein, Pfaltz, Provenzano, Reid, Sherman, Szarowicz, Weinstein, White, Zanger.

SPECIALS

HIGH HONOR: Messrs. Edener, Zirkel.

CREDIT: Mr. Saillot.

PRIZES

For the Year 1949-50

Root Fellowship: Charles Victor Paganelli, Jr.

Benjamin Walworth Arnold Prize Scholarships:

Senior: James Walter Ring
Junior: William Anthony Wehmeyer
Sophomore: Charles Turner Bates

DEGREES AND AWARDS

Chauncey S. Truax Prize Scholarship in Greek:
Laurence Reed McCarty

Edward Huntington Mathematical Scholarship:
David Perrin VerNooy

Arthur W. Soper Latin Scholarship: George Arthur Pohl

The Duell German Scholarship: Stuart Joseph Kaplowitt

Captain Gerald Fitzgerald Dale Scholarship:
William Kaufman and Donald Owen Pollock

Oren Root Prize Scholarships in Mathematics:
Peter Allan Franken and Charles Addison Keeler, Jr.

The Renwick Prize Scholarship in Biology: John Blakeslee Lyon, Jr.

Fayerweather Prize Scholarships: Bertram Melvin Gesner
Charles Samuel Levy
Carlyle Conwell Ring, Jr.
Eugene Frank Wallen

Babcock Prize in Philosophy and Pedagogy: Arnold Morton Lerman

Brockway Prize: Charles Samuel Levy

Clark Prize Oration: Don Roscher

Nelson Clark Dale, Jr., Prize in Music: Richard Ernest Bennett

Darling Prize in American History: Sydney Gilmer Towell

Golding Essay Prize: Murray Drabkin

Hawley Prize in Greek: Ned Earl Richardson

Hawley Prize in Latin: George Arthur Pohl

Head Prize Oration: Murray Drabkin

Holbrook Prize in Biology: Thomas Bernard Bradley, Jr.

McKinney Prize Debate: First, Arnold Morton Lerman
Second, Murray Drabkin

McKinney Prize Speaking:

Juniors: First, John Vincent Byrne
Second, John Frederick Koenig

HAMILTON COLLEGE

Sophomores: FIRST, Stuart William Robinson, Jr.
SECOND, William Anthony Wehmeyer

Freshmen: FIRST, Hugo Menzel Pfaltz
SECOND, Robert Peter Paganelli

James Soper Merrill Prize: Robertson Mackay

Norton Foundation: Quentin Frederick Knauer

Putnam Prize in American History: Frederic Robert Pilch

Rogers Prize in Geology: Donald Sherwood Stone

William Duncan Saunders Prize in English Writing:
David Thomas Porter

Southworth Prize in Physics: Charles Victor Paganelli, Jr.

Squires Prize in Philosophy: Berl Benjamin Goldfuss

Tompkins Prizes in Mathematics: FIRST, David Perrin VerNooy
SECOND, James Walter Ring

Underwood Prize in Chemistry: Donald Murray Gardner

Winslow Prize in Greek: Laurence Reed McCarty

Winslow Prize in Latin: Charles Samuel Levy

REGISTER OF STUDENTS

(As of the Year 1949-50)

Class of 1951

Aitchison, James Brantly	*Goshen*
Allen, Nelson	*Scarsdale*
Amerman, David Peter	*East Rochester*
Amis, Lewis Randolph, Jr.	*Bronxville*
Babcock, Harry Noyes	*Scarborough*
Baldwin, Donald Harry	*West Orange, N. J.*
Barcay, Stephen Joseph, Jr.	*Binghamton*
Bash, Pickward James, Jr.	*White Plains*
Bates, Harry Cole III	*Irvington*
Battenhausen, Fritz Kurt	*Larchmont*
Bellamy, Peter Kingsford	*Rochester*
Bennett, Richard Ernest	*Mayfield*
Berg, Ronald Edwin	*Kenosha, Wis.*
Bishop, David Tyre	*Syracuse*
Blitz, Herbert John	*Kew Gardens*
Bloomer, William Henry, Jr.	*Binghamton*
Bowen, Bruce Mason	*Watertown*
Brown, James Carlton	*Pulaski*
Bugbee, Holbrook	*Winchester, Mass.*
Byrne, John Vincent	*Chappaqua*
Cameron, Peter Torrey	*Clinton*
Christ, Edward Hall, Jr.	*New Britain, Conn.*
Content, Arthur Leland	*Stamford, Conn.*
Crump, Galbraith Miller	*Cranford, N. J.*
del Vayo, Diego Ramiro Miguel Alvarez	*New York*
Doran, Charles Edward, Jr.	*Greenwich, Conn.*
Doyle, George Joseph	*Oriskany*
Doyle, Harry Vincent	*Oriskany*
Drummond, Gregory Alexander	*Syracuse*
Emery, Ralph Clinton	*Fairport*
Fairchild, Samuel Dunham	*Plattsburg*
Farber, Charles Welty	*New York*

Farren, Merritt Charles	*Upper Montclair, N. J.*
Fenley, Greene III	*Grosse Pointe, Mich.*
Fishel, Gustave	*Babylon*
Freiberg, Robert Bruce	*New York*
Gillespie, Henry Rogers	*Northfield, Mass.*
Griffith, Clarence Albert, Jr.	*Huntington*
Grimm, Carl Peter	*Carmel*
Hanmer, Alfred Kilbourne, Jr.	*Huntington Station*
Hastings, Jack Eastwood, Jr.	*Forty-Fort, Pa.*
Heinig, Charles Frederick	*Vernon*
Heinrich, Thomas Schoonover	*Hollywood, Calif.*
Hickman, Samuel Barrett	*Carmel*
Hill, John Slayter	*South Dartmouth, Mass.*
Hinchcliff, Harris Burgess	*Cortland*
Holt, John Garrett	*Yorktown Heights*
Howell, Richard Joseph	*Auburn*
Huff, Jerome Lee	*Waverly*
Huffman, Earl Robert	*Pemberville, O.*
Huffmire, Donald Wynant	*Walton*
Hutchison, William Robert	*Easton, Pa.*
Insley, Herbert Hutton	*Washington, D. C.*
Jones, Rae Rogers Thornton, Jr.	*Greene*
Kaplowitt, Stephen Joseph	*Newark, N. J.*
Kaufmann, William	*Jefferson*
King, David Burnett	*Warren, O.*
King, Edward Larnard	*Warren, O.*
Kingsley, Leonard Edward	*New York*
Koenig, John Frederick	*Floral Park*
Landolt, John Percy	*White Plains*
Larsen, John Housmann	*Staten Island*
Larsen, Robert Reese	*Chicago, Ill.*
Lawrence, Neil Earl	*Rochester*
Leonhardt, Herbert Albin	*Lynbrook*
Levey, Robert Jay	*Brooklyn*
Long, Edward Batchellar III	*White Plains*
Lord, Charles Delavan	*Bainbridge*
Luers, William Henry	*Springfield, Ill.*
Maas, Gerald Irving	*Sunnyside, L. I.*

Manz, Richard Stephen	*Kenmore*
Matzinger, Norbert Jay	*Liberty*
McCarty, Laurence Reed	*Fulton*
McClatchy, Alfred Christopher III	*Flushing*
McMartin, Duane Adams	*New Canaan, Conn.*
Meehan, Thomas Edward	*Suffern*
Menges, Carl Braun	*Pleasantville*
Merritt, Arthur Hastings III	*Crestwood*
Meservey, Frederick William	*Huntington*
Mesinger, John Frederick	*Bronxville Manor*
Milford, Alan Hackney	*Johnstown*
Milkey, Robert Edward	*Turners Falls, Mass.*
Miller, Charles Leland	*Elmira*
Miller, Frederick Munger III	*Utica*
Mills, Alden Sutton	*Brookline, Mass.*
Mucklow, Neale Harmon	*Troy*
Ohannessian, Simon	*Kirkuk, Iraq*
Paine, Emmons Gould	*West Orange, N. J.*
Palmer, David Rees	*Summit, N. J.*
Podell, David Louis, Jr.	*New York*
Pohl, George Arthur	*Sherrill*
Pollock, Donald Owen	*Brookside, N. J.*
Powers, Joseph Raymond	*Oswego*
Powers, Ronald Colgan	*Rome*
Purcell, John William	*New York*
Rickenbacker, David Edward	*New York*
Rimmels, Edward Richard, Jr.	*Garden City*
Ring, James Walter	*Jamestown*
Runge, Paul Theodore	*Utica*
Rushmore, John Wakefield	*Canandaigua*
Scala, James Mario	*Clinton*
Schmidt, Frederick Wilhelm	*Summit, N. J.*
Schulz, Warren Ernest	*Ilion*
Shultz, Hall	*Skaneateles*
Silvernail, John Drew	*Crestwood*
Sleggs, Alton Coleman	*Jamestown*
Smith, Charles Arthur, Jr.	*Oyster Bay*
Stone, Frederick Losee, Jr.	*Jamesville*

Stucki, Paul, Jr.	*West New York, N. J.*
Sullivan, Peter	*Binghamton*
Sweany, Philip Ward	*State College, Ark.*
Tillman, Robert James	*Norwich*
Trickey, William Walter, Jr.	*Essex Fells, N. J.*
Tuesday, Charles Sheffield	*Trenton, N. J.*
Tuthill, Richard Villiers	*East Orange, N. J.*
Underwood, Richard Folsom	*Hancock*
VanBuskirk, George Francis	*Odessa*
VerNooy, David Perrin	*Cortland*
Washburn, Edward Stevenson III	*Kansas City, Mo.*
Whitcombe, David Niles	*Rochester*
Whitman, Robert Henry	*Madison, N. J.*
Williams, Donald Clinton	*Glenview, Ill.*
Zeeveld, Peter Winthrop	*Rochester*

Class of 1952

Abdul-Wahab, Abdul Melik	*Basrah, Iraq*
Anderson, Robert David	*Westfield, N. J.*
Arthur, Thomas	*Glencoe, Ill.*
Ashland, William Beaman, Jr.	*New York*
Badenhausen, Walter Ernst	*Staten Island*
Bagwill, John Williams	*Pleasantville*
Bakken, John Edgar	*Chappaqua*
Banks, John Richard	*Drexel Hill, Pa.*
Barton, John Frederick Rex	*White Plains*
Beaven, Jack Mahlon	*Ridgewood, N. J.*
Beeching, Charles Train, Jr.	*Herkimer*
Birdsall, Franklin Tirrill, Jr.	*Garden City*
Bitely, Phillip Lansing	*Rome*
Blanchard, Arthur	*Parsons, Kan.*
Boyajy, Louis Donald	*Suffern*
Boynton, John Watson	*West Orange, N. J.*
Brandt, Carl Patteson	*Merion, Pa.*
Bridges, Thomas Whitney	*Elba*
Brigham, Howard Mason, Jr.	*Montclair, N. J.*
Brown, Edmund Curtis	*Phoenix, Ariz.*
Brownfield, John Ryan	*New York*

Bucklin, John Hartwell	*Providence, R. I.*
Burns, John Woodworth	*Binghamton*
Cate, William Ward	*Montour Falls*
Cornelius, Robert Sherrill II	*Orchard Park*
Cosgrove, John Brooks	*Clinton*
Cramer, Donald Edward	*Seneca Falls*
Cummings, Richard Charles	*Lowville*
Curry, Donald Charles	*Utica*
Davis, Edmund Machold	*Ellisburg*
Davis, John Frank, Jr.	*Fayetteville*
Davis, John Stewart	*Orchard Park*
Derby, Bennett Marsh	*Newark, N. J.*
Dickinson, David Codwise	*Syracuse*
Dodson, Warren Estabrook	*Scarsdale*
Dolan, Thomas Edward	*Utica*
Douglas, Malcolm Charles	*Lyndhurst, O.*
Egner, John George	*Harpersfield*
Ferris, Harold Lockwood, Jr.	*Auburn*
Franken, Peter Allan	*Woodmere*
Fribush, Martin Jay	*Brooklyn*
Frisbie, Charles Daniel	*Middleburgh*
Fry, Robert Charles	*New Rochelle*
Galvin, William	*Hempstead*
Gander, Roderick MacLean	*Wilton, Conn.*
George, Henry Louis III	*Watertown*
Graves, Stephen Palmer	*Clinton*
Greenwood, John Eugene	*Buffalo*
Gregory, Richard Creveling	*Chevy Chase, Md.*
Grinwis, David Karr	*Maplewood, N. J.*
Gulick, Walter Lawrence	*Upper Montclair, N. J.*
Harris, Gordon William	*Kenmore*
Hartshorne, Nathaniel Harrison	*New York*
Held, Barry Taylor	*Brooklyn*
Helfman, Richard Joel	*Brooklyn*
Hellmann, Sigmund Jehud	*Manila, P. I.*
Henderson, John Thompson, Jr.	*New York*
Hoctor, Frederick MacDonald	*Warwick Neck, R. I.*
Hoefer, Harold Carl, Jr.	*Tully*

Hogan, Paul Marron	*Oxford*
Hogan, Richard Apgar	*Glen Ridge, N. J.*
Hosley, Henry Franklin	*Sherburne*
Hoyt, John Claxton	*East Longmeadow, Mass.*
Huber, Pehr Curt	*Locust, N. J.*
Hull, Joseph Poyer Deyo, Jr.	*Tulsa, Okla.*
Hunger, George Frederick	*Scarsdale*
Insley, Gordon Earle	*Detroit, Mich.*
Jacobus, John Maxwell, Jr.	*Poughkeepsie*
Jewell, Frank Randall	*Liberty*
Jobe, Robert	*Rochester*
Johnson, Douglas	*Niagara Falls*
Karlson, Richard Dudley	*Baldwin*
Katz, Arnold Marvin	*Binghamton*
Keehn, Silas	*Scarsdale*
Keeler, Charles Addison, Jr.	*Binghamton*
Kelso, Robert Watson	*Walden*
Kesler, Peter Reed	*Oak Park, Ill.*
Kirner, Stephen Harper	*Kensington, Md.*
Lahvis, Walter Frederick	*Gowanda*
Lang, Robert Conrad	*Great Neck*
Leistyna, Joseph Anthony	*Ilion*
Lobkowicz, George Christian	*New York*
Love, Harry Houghton	*Brooklyn*
Love, William Francis, Jr.	*Rochester*
MacAffer, Kenneth Seaborne, Jr.	*Menands*
MacQueen, Bruce Bentley	*Binghamton*
Maycock, Joseph Farwell, Jr.	*Grosse Pointe, Mich.*
McLouth, Charles III	*Palmyra*
McMillan, John Hartshorn	*Delmar*
Miller, Richard John	*Watertown*
Millspaugh, Robert Wahl	*East Orange, N. J.*
Moffat, George Barclay, Jr.	*Pleasantville*
Morehouse, Merwin, Jr.	*Rochester*
Mosier, Paul Raymond, Jr.	*Melrose, Mass.*
Mullett, Edwin Sydney	*Williamsport, Pa.*
Murray, Raymond Richard	*Pulaski*
Nickel, James Barry	*Manhasset*

Nye, Sylvanus William	*Kenmore*
Oster, Gilbert Michael	*Westfield*
Otten, Arthur Edward, Jr.	*Kenmore*
Ouderkirk, John Thomas	*Grand Gorge*
Patterson, Robert Maskell	*Garden City*
Pope, Henry DeWolf	*Clinton*
Pritchard, Edward Emerson	*Utica*
Reach, Charles Harrison	*Summit, N. J.*
Reilly, Richard James	*Easton, Pa.*
Retan, John Walden	*Syracuse*
Rhett, William Means	*Michigan City, Ind.*
Rice, Charles Berdan	*Ridgewood, N. J.*
Robinson, James Samuel	*Kenmore*
Robinson, Philip Edmund, Jr.	*Scranton, Pa.*
Robinson, Stuart William, Jr.	*Springfield, Ill.*
Rollins, Edwin Ashley	*Scotia*
Rose, James DeWitt	*Vernon*
Rosenthal, Edward B.	*Johnstown*
Rouillard, Lawrence Hadley	*Saratoga Springs*
Rudd, Neilson	*Clinton*
Sanborn, John Clayton	*Larchmont*
Schmidt, Charles Frederick	*Rockville Center*
Schottenfeld, David	*Ridgewood*
Schwarz, John Moritz	*Tenafly, N. J.*
Schwarz, William John	*Binghamton*
Scott, James Stinson, Jr.	*Rochester*
Selch, Frederick Richard	*Lancaster*
Shea, Walter William	*Bainbridge*
Sidway, Peter	*Birmingham, Mich.*
Silvernell, George Russell	*Unadilla*
Singer, J. Peter	*New Rochelle*
Smith, Arthur Marshall	*New Brunswick, N. J.*
Stephens, Eugene Scott	*Rochester*
Stookey, Lyman Brumbaugh	*New York*
Sweet, James Nelson, Jr.	*Endicott*
Thomas, Donald Marti	*Oberlin, O.*
Thomas, James Harry III	*Clarks Summit, Pa.*
Tomlinson, John Richard	*Westtown, Pa.*

Vollmer, Albert Axel Hans	*Larchmont*
Voyce, Lee Charles, Jr.	*West Englewood, N. J.*
Waite, Stephen Kron	*Olean*
Wehmeyer, William Anthony	*Ticonderoga*
Welsh, William Rodney	*Rochester*
Weston, Harry John	*Utica*
White, William Dwight III	*Roxbury*
Whitstock, Robert Henry	*New York*
Williams, James Moore	*Winnetka, Ill.*
Williams, Robert Nowell, Jr.	*Milwaukee, Wis.*
Wood, Peter Carver	*New York*
Wood, Roger Franklin	*Industry*
Woodward, Louis Leach, Jr.	*Albany*
Zellner, Donald Keith	*Troy*

Class of 1953

Abrahams, Donald	*Elkins Park, Pa.*
Abrams, Robert Marlow	*Blossvale*
Alexandris, Angelis	*New York*
Anderson, Carl Patton	*Kansas City, Mo.*
Arnold, Robert Yensen	*Westfield, N. J.*
Badgley, Jay Tryon	*New York*
Bailey, John Vandenberg	*Grand Rapids, Mich.*
Barck, William Brewster	*Syracuse*
Barratt, Roswill Grant	*Southport, Conn.*
Barton, Walter Smith, Jr.	*Hastings-on-Hudson*
Bates, Charles Turner	*Irvington-on-Hudson*
Beckwith, Edson Emerson	*Frankfort*
Belden, Willard Neil, Jr.	*Niagara Falls*
Bennett, Geoffrey Corcoran	*Glencoe, Ill.*
Blood, Wayland Freeman	*Belmont, Mass.*
Bragdon, John Stewart, Jr.	*Washington, D. C.*
Brink, Roger Donald	*Prattsburg*
Brown, Ronald Bogert	*Hackensack, N. J.*
Bruins, William Henry	*Montrose*
Bugliari, Joseph B.	*Plainfield, N. J.*
Burdick, Frederick Clinton	*Clinton*
Byington, Donald Arthur	*Syracuse*

Carman, Willis Burkhard	*Farmingdale*
Carpenter, Thomas Sanders	*West Hartford*
Chute, David Laurence	*Leonia, N. J.*
Cole, Charles Miller	*Barrancabermeja, Colombia*
Collins, Edwin Lansdale, Jr.	*New Hartford*
Colt, Timothy Pickering	*New York*
Conant, Jan Burchard	*South Paris, Me.*
Constable, Peter Dalton	*Cazenovia*
Contiguglia, Louis Peter	*Auburn*
Contiguglia, Robert Anthony	*Auburn*
Davis, David Lacey	*Bedford Hills*
Davis, Philip Frank	*Ellisburg*
Denniston, Gerald Evans	*Delmar*
Dobbs, Harold Irving	*Ridgewood, N. J.*
Droppers, Thomas	*Delmar*
du Bourg, Antoine	*Queenstown, Md.*
Dunn, Charles Alvin, Jr.	*New York*
Eason, George Wesley	*Summit, N. J.*
Ehart, David Dennis	*Utica*
Elias, Mark Hans	*New York Mills*
Farmer, James Alexander, Jr.	*New York*
Fleissner, Robert Ferdinand	*Aurora*
Fletcher, Richard Lee	*Port Jervis*
Forshay, David William	*Glen Ridge, N. J.*
Fox, Peter Carroll	*Syracuse*
Freytag, Richard Conrad	*Sparrowbush*
Friedbauer, Roger	*Passaic, N. J.*
Furman, Courtney Albert	*Oswego*
Gard, Gerald Irving, Jr.	*Laconia, N. H.*
George, David Emerich	*Watertown*
Geraci, Phillip Francis	*Utica*
Gesner, Bertram Melvin	*Brooklyn*
Glann, James Everett, Jr.	*Syracuse*
Gluck, Charles Morton	*Rochester*
Goehring, Raymond Russell	*Wexford, Pa.*
Grant, Donald Ross	*Canajoharie*
Gray, Daniel Friedlander	*Utica*
Greck, Edward Thomas	*Binghamton*

Gregg, Karl Curtiss	*Oneida*
Griffin, Francis Stanley, Jr.	*Clinton*
Gumerlock, Richard Ernest	*Bound Brook, N. J.*
Hall, Derrone George	*Clinton*
Hansen, Theodore Leif, Jr.	*Farmington, Conn.*
Harlan, Henry Baxter	*Churchville, Md.*
Hastings, David Burrell	*Centerville, Del.*
Hastings, Francis Bingham	*Orange, Va.*
Hehmeyer, Richard Augustus	*Caldwell, N. J.*
Hendel, Robert Ivan	*Pittsburgh, Pa.*
Henry, Frederic Thomas	*Canandaigua*
Hills, Philip Knapp	*Sea Cliff*
Horton, Thomas David	*Canton, O.*
Howe, John Quincy, Jr.	*Phelps*
Huber, Charles Clark	*Mount Vernon*
Hyde, Nelson Collingwood, Jr.	*Alexandria, Va.*
Jack, Edward Bryant	*Litchfield, Conn.*
Josell, Robert	*Brooklyn*
Keane, Charles Thomas	*Binghamton*
Kerr, John Ruskin	*Jackson Heights*
Kinney, Byrne George	*Syracuse*
Knight, Augustine Smith	*Far Hills, N. J.*
Kopple, Henry Lee	*Philadelphia, Pa.*
Larom, Henry Nash	*Saranac Lake*
Legg, William Nelson	*Syracuse*
Lenox, James Francis	*Towanda, Pa.*
Levy, Charles Samuel	*Bronx*
Levy, Richard Allen	*Brooklyn*
Macneish, Neil Harrass	*Larchmont*
Mahon, John Fraser	*Syracuse*
Maider, Robert Lydon	*Gloversville*
Mainzer, Thomas Richard	*Huntingdon, Pa.*
Markiewicz, Edward Joseph	*Port Jervis*
Marshall, Curtis Greenwood	*Fairfield, Conn.*
Martindale, Richard Howard	*Farmington, Mich.*
Menges, Hermann, Jr.	*Pleasantville*
Merrick, Bentley Atwood	*Millburn, N. J.*
Morris, John Nelson	*Clinton*

Mullen, Thomas Sylvester	*Whitesboro*
Norcross, Arthur Dickinson, Jr.	*New York*
Noyes, Paul Victor	*Oneida*
Olwine, Robert Walter	*Maplewood, N. J.*
Paganelli, Robert Peter	*Albion*
Parker, John Laurence	*Lockport*
Patton, Benjamin Franklin	*Westfield, N. J.*
Paulus, Richard Huff	*New Brunswick, N. J.*
Payne, Robert Tissot	*East Williston*
Perlstein, Jay Robert	*New York*
Persons, Alan Richard	*Canandaigua*
Peterson, Carl William, Jr.	*Ilion*
Pfaltz, Hugo Menzel, Jr.	*Short Hills, N. J.*
Pierce, Robert Mott	*Denver, Col.*
Prescott, William Spraker	*Loudonville*
Provenzano, John Michael	*Huntington*
Quinby, Howland Clark	*East Orange, N. J.*
Rath, James Arthur	*Honolulu, T. H.*
Reid, Irving Whitney	*Mamaroneck*
Ring, Carlyle Conwell, Jr.	*Jamestown*
Robertson, Donald Everett	*Maplewood, N. J.*
Rogers, Ralph Withrow	*Scarsdale*
Roob, Richard	*Brooklyn*
Rowe, Allen Stanley	*Washington, D. C.*
Sauer, George Williams	*Port Jervis*
Saunders, William Bradford	*Birmingham, Mich.*
Scala, Robert Andrew	*Utica*
Schoenstein, Ralph Samuel	*New York*
Schuster, Robert Irving	*New York*
Seaman, Ronald Manns	*Westfield, N. J.*
Sharpe, Bruce	*Brooklyn*
Sherman, Richard Clarke	*Westbury*
Skaer, Dick Philip	*Evanston, Ill.*
Smalley, Richard Vincent	*Larchmont*
Smith, Warren Daniel	*Rochester*
Somers, William Houck	*Rome*
Steinhilber, Ernest John III	*Frankfort*
Stern, Robert Lee	*New York*

Stevenson, Samuel Baird	*Old Greenwich, Conn.*
Szarowicz, Henry Francis	*Utica*
Tachau, Hans	*Prattsburg*
Talley, Samuel Houston	*Syracuse*
Tappan, Donald Willard	*Baldwinsville*
Thomas, John Wadsworth	*Summit, N. J.*
Thompson, Robert Samuel	*Warren, O.*
Tobias, Howard Edmund	*Brooklyn*
Trepacz, Edmund John	*New York Mills*
Ullstein, Hans L.	*New Rochelle*
Valentine, Franklin Benjamin III	*Utica*
Vincent, Charles Martin	*Toledo, O.*
Wachter, Carl Edwin	*Floral Park*
Wadman, Grosvenor McGraw	*Auburndale, Mass.*
Wallace, David Benjamin	*Glencoe, Ill.*
Wallen, Eugene Frank	*Brewster*
Walsh, Edward Michael	*Leonia, N. J.*
Warner, Peter Anthony	*New York*
Webster, Donald Albert	*Rochester*
Weinstein, Samuel	*Brooklyn*
Wells, James Whaley	*Rome*
Wheeler, Carlier Covert	*Geneva*
Wheeler, Richard Maitland	*Farmington, Mich.*
White, Ralph David	*Kenmore*
Wigton, Richard Benson	*Babylon*
Williams, Maurice Willard, Jr.	*Wayland, Mass.*
Wilson, Rexford	*Amherst, Mass.*
Wingate, Peter Hardy	*Rochester*
Zanger, Carl Lewy	*Brooklyn*

Special Students, 1949-50

Barnum, Walter Charles	*Utica*
Edener, Wilfried	*Deisenhofen, Bavaria, Germany*
Granata, Walter H., Jr.	*Mt. Vernon*
Haglund, John Fritjof	*Stockholm, Sweden*

Saillot, Guy Roger Bernard	*Garches, Seine et Oise, France*
Zirkel, Adam	*Eisenfeld, Bavaria, Germany*

SUMMARY BY CLASSES

Class of 1951	123
Class of 1952	149
Class of 1953	165
Special students	6
Total, three classes and special students	443

SUMMARY BY STATES

Arizona	1	New Jersey	49
Arkansas	1	New York	298
California	1	Ohio	8
Colorado	1	Oklahoma	1
Connecticut	10	Pennsylvania	15
Delaware	1	Rhode Island	2
District of Columbia	3	Virginia	2
Illinois	10	Wisconsin	2
Indiana	1	Hawaii	1
Kansas	1	Colombia	1
Maine	1	France	1
Maryland	4	Germany	2
Massachusetts	11	Iraq	2
Michigan	8	Philippines	1
Missouri	2	Sweden	1
New Hampshire	1		

Total, three classes and special students 443

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